

Attached to survey Mr.
Arizona Game & Fish Dept.

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Reference material.

Responsive Management



ARIZONA RESIDENTS' ATTITUDES TOWARD NONGAME WILDLIFE

Conducted for the Arizona Game and Fish Department
by Responsive Management

February 2003

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EXECUTIVE SUMMARY

This study was conducted for the Arizona Game and Fish Department (AGFD) to assess Arizona residents' attitudes and behaviors toward nongame-related outdoor activities, as well as their opinions on the importance of various AGFD programs and the performance of the AGFD. The study entailed a telephone survey of Arizona residents.

NONGAME WILDLIFE VALUES AND OPINIONS ON THE STATUS OF NONGAME SPECIES

- A majority of respondents rated the importance of eight values regarding Arizona's fish and wildlife as somewhat or very important.
 - 98% of respondents rated that fish and wildlife exist in Arizona as an important value
 - 97% of respondents rated that people have the opportunity to view wildlife in a natural setting in Arizona as an important value
 - 94% of respondents rated that game species are properly managed and conserved in Arizona as an important value
 - 94% of respondents rated that people in Arizona receive education about Arizona's fish and wildlife as an important value
 - 92% of respondents rated that threatened and endangered species are properly managed and conserved in Arizona as an important value
 - 91% of respondents rated that people have the opportunity to fish in Arizona as an important value
 - 89% of respondents rated that nongame species are properly managed and conserved in Arizona as an important value
 - 68% of respondents rated that people have the opportunity to hunt in Arizona as an important value
- A majority of respondents felt that only one of five categories of animals (game fish) were safe and well protected; all the remaining animal categories had less than a majority who perceived them to be safe and well protected. The following list indicates the percentages of respondents who felt the species were safe and well protected.
 - 52% of respondents felt that game fish are safe and well protected
 - 48% of respondents felt that waterfowl are safe and well protected
 - 45% of respondents felt that nongame species are safe and well protected
 - 44% of respondents felt that big game species are safe and well protected
 - 21% of respondents felt that endangered species are safe and well protected

KNOWLEDGE AND RATING OF THE AGFD AND RATING OF THE IMPORTANCE OF ITS PROGRAMS

Respondents either know a little to a moderate amount about the AGFD's nongame program or they know nothing at all. The same pattern was found for how respondents rated AGFD's nongame efforts and activities. Respondents either rated the AGFD's nongame efforts and activities favorably or they did not know how to rate AGFD's efforts and activities.

- Close to a third (32%) of respondents said they knew a great deal or a moderate amount about the AGFD's nongame program before the survey. However, a comparable percentage of respondents (29%) said they knew nothing at all or did not know their knowledge level of AGFD's nongame program before the survey.
- Forty-three percent of respondents rated the AGFD's nongame program excellent or good. The largest percentage (44%), said they did not know how to rate the AGFD's nongame program.
- Knowledge of the performance of the AGFD in undertaking nongame species-related activities was generally low.
 - Relatively large percentages (79%) reported that they do not know how to rate the performance of the AGFD in relation to its nongame programs. Otherwise, more respondents rated the efforts excellent or good than rated the efforts as poor or very poor.
 - The largest percentages ranking the AGFD's efforts excellent or good were for the provision of opportunities to watch wildlife both around one's home (38%) and at least 1 mile from their home (35%).
- Respondents rated ten efforts of the AGFD's nongame program. Most efforts were perceived to be important with only three of the ten efforts having less than a majority rating it as important.
 - The efforts rated highest as important AFGD efforts were maintaining and enhancing existing endangered wildlife populations (92%) and providing information to the public about Arizona's nongame program (91%).
 - All the efforts that had less than a majority rating them important pertained to catching and harvesting nongame wildlife, either for scientific, personal, or commercial use.

SUPPORT/OPPOSITION TO HUNTING AND FISHING

- The survey found that majorities of respondents support legal hunting and fishing, with especially strong support for legal fishing.
 - Seventy-one percent of respondents approved of legal hunting, and 93% approved of legal, recreational fishing.

INTEREST IN NONGAME-RELATED OUTDOOR ACTIVITIES

- 77% of respondents were interested in viewing birds of prey in Arizona in the next 2 years.
- 68% of respondents were interested in viewing big game animals in Arizona in the next 2 years.
- 68% of respondents were interested in viewing songbirds in Arizona in the next 2 years.
- 65% of respondents were interested in viewing waterfowl in Arizona in the next 2 years.
- 44% of respondents were interested in viewing reptiles in Arizona in the next 2 years.
- 41% of respondents were interested in viewing amphibians in Arizona in the next 2 years.

RESIDENTIAL WILDLIFE VIEWING: WATCHING WILDLIFE AROUND OR WITHIN 1 MILE OF HOME

- Fifty percent of respondents had watched wildlife around or within 1 mile of their home over the past 2 years in Arizona.
- Respondents gave many reasons for watching wildlife around or within 1 mile of their home. The most popular reason was to observe beauty in nature (53%).
- A large majority (90%) of residential wildlife viewers were very or somewhat satisfied with their residential wildlife viewing experiences in the past 2 years in Arizona.
- A large majority (87%) of residential wildlife viewers had not experienced any interference from others while watching wildlife in Arizona in the past 2 years.
- Most residential wildlife viewers are avid participants. The mean number of days residential wildlife viewers watched wildlife within 1 mile of their home in the past 12 months was 159 days.

NON-RESIDENTIAL WILDLIFE VIEWING: TAKING TRIPS OF AT LEAST 1 MILE FROM HOME TO VIEW WILDLIFE

- Thirty percent of respondents took a trip to view wildlife at least 1 mile from their home over the past 2 years in Arizona.
- Respondents gave many reasons for taking trips to watch wildlife at least 1 mile from their home. The most popular reason for taking trips to watch wildlife in Arizona in the past 2 years was to observe beauty in nature (43%).
- A large majority (91%) of nonresidential wildlife viewers were very or somewhat satisfied with their non-residential wildlife watching experiences in Arizona in the past 2 years.
- A strong majority (81%) of non-residential wildlife viewers had not experienced any interference from others while watching wildlife in Arizona over the past 2 years.
- Ten of the eleven items presented to non-residential wildlife viewers were reported by a majority of residents as items that would add to their enjoyment watching wildlife at least 1 mile from their home. The item that would add to the largest percentage of non-residential wildlife viewers' enjoyment was nature trails (80%).
- Compared to residential wildlife viewers, most non-residential wildlife viewers watched wildlife much less frequently. The mean number of days residential wildlife viewers watched wildlife in the past 12 months was 25 days.

BIRDING

- Nine percent of respondents, overall, had gone birding over the past 2 years in Arizona. Of those who said they went birding, 40% said they could identify at least 20 different species of birds without an identification guide. Four percent of Arizona residents, overall, were birders.

- No reason was given by a majority of birders for why they went birding in Arizona in the past 2 years. The most popular reason for going birding in Arizona in the past 2 years was to observe beauty in nature (49%).
- A strong majority (84%) of birders were very or somewhat satisfied with their birding experiences in Arizona in the past 2 years.
- A majority (79%) of birders had not experienced any interference from others while birding in Arizona in the past 2 years.
- Ten of the eleven items presented to birders were reported by a majority of residents as items that would add to their enjoyment of bird watching. The item that would add to the largest percentage of birders enjoyment was restrooms (75%).
- Most birders are avid bird watchers. The mean number of days birders went birding in the past 12 months was 87 days.

HARVESTING NONGAME ANIMALS FOR PERSONAL USE

- Only ten respondents indicated that they had caught or harvested nongame animals for *personal* use in the past 2 years in Arizona.

HARVESTING NONGAME ANIMALS FOR COMMERCIAL OR SCIENTIFIC USE

- Only one respondent reported having caught or harvested nongame animals for commercial or scientific use in Arizona in the past 2 years.

TABLE OF CONTENTS

Executive Summary	i
Introduction and Methodology	1
Nongame Wildlife Values and Opinions on the Status of Nongame Species.....	5
Knowledge and Rating of the AGFD and Rating of the Importance of Its Programs	34
Support/Opposition to Hunting and Fishing	74
Participation in Nongame-Related Outdoor Activities	78
Residential Wildlife Viewing: Watching Wildlife Around or Within 1 Mile of Home	85
Non-Residential Wildlife Viewing: Taking Trips of at Least 1 Mile from Home to View Wildlife	98
Birding.....	118
Harvesting Nongame Animals for Personal Use.....	137
Harvesting Nongame Animals for Commercial or Scientific Use.....	148
Demographic Data.....	149
Additional Comments	156
Survey Instrument	160



INTRODUCTION AND METHODOLOGY

This study was conducted for the Arizona Game and Fish Department (AGFD) to assess Arizona residents' attitudes and behaviors toward nongame-related outdoor activities, as well as their opinions on the importance of various AGFD programs and the performance of the AGFD. The study entailed a telephone survey of Arizona residents. The telephone survey methodology is discussed below.

For the survey, telephones were selected as the preferred sampling medium because nearly all residents of Arizona have a telephone. In addition, a central polling site at the Responsive Management office allowed for rigorous quality control over the interviews and data collection. Responsive Management maintains its own in-house telephone interviewing facilities. These facilities are staffed by interviewers with experience conducting computer-assisted telephone interviews on the subject of natural resources and outdoor recreation for state fish and wildlife agencies. Responsive Management and the AGFD developed the telephone survey questionnaire cooperatively. Responsive Management conducted pre-tests of the questionnaire, and revisions were made to the questionnaire based on the pre-tests.

To ensure that the telephone survey data collected were of the highest quality, Responsive Management has interviewers who have been trained according to the standards established by the Council of American Survey Research Organizations. Methods of instruction included lecture and role-playing. The Survey Center Managers conducted project briefings with the interviewers prior to the administration of the survey. Interviewers were instructed on the type of study, study goals and objectives, handling of survey questions, interview length, termination points and qualifiers for participation, interviewer instructions within the survey instrument, reading of the survey instrument, skip patterns, and probing and clarifying techniques necessary for specific questions on the survey instrument. The Survey Center Managers randomly monitored telephone workstations without the interviewers' knowledge to evaluate the performance of each interviewer. After the interviewers obtained the surveys, the Survey Center Managers and/or statisticians edited each completed survey to ensure clarity and completeness.

Interviews were conducted Monday through Friday from 9:00 a.m. to 9:00 p.m., Saturday noon to 6:00 p.m., and Sunday from 3:00 p.m. to 7:00 p.m., all local time. A five-callback design was used to maintain the representativeness of the sample, to avoid bias toward people easy to reach by telephone, and to provide an equal opportunity for all to participate. When a respondent could not be reached on the first call, subsequent calls were placed on different days of the week and at different times of the day.

The software used for data collection was Questionnaire Programming Language 4.1 (QPL). The survey data were entered into the computer as each interview was being conducted, eliminating manual data entry after the completion of the survey and the concomitant data entry errors that may occur with manual data entry. The survey instrument was programmed so that QPL branched, coded, and substituted phrases in the survey based on previous responses to ensure the integrity and consistency of the data collection. The analyses of data were performed using Statistical Package for the Social Sciences (SPSS) software. SPSS is a software package specifically designed for statistical analyses.

Throughout this report, findings of the telephone survey are reported at a 95% confidence interval. For the entire sample of Arizona residents, the sampling error is at most plus or minus 3 percentage points. This means that if the survey were conducted 100 times on different samples that were selected in the same way, the findings of 95 out of the 100 surveys would fall within plus or minus 3% of each other. Sampling error was calculated using the formula described on the following page, with a sample size of 1,500 and a population size of 3,763,685 Arizona residents 18 years old and older.

Sampling error equation:

$$B = \left(\sqrt{\frac{\frac{N_p(.25)}{N_s} - .25}{N_p - 1}} \right) (1.96)$$

Where: B = maximum sampling error (as decimal)

N_p = population size (e.g., total number of residents)

N_s = sample size

Derived from formula: p. 206 in Dillman, D. A. 2000. *Mail and Internet Surveys*. John Wiley & Sons, NY.

Note: This is a simplified version of the formula that calculates the maximum sampling error using a 50:50 split (the most conservative calculation because a 50:50 split would give maximum variation).

For this report, a nonparametric analysis examined how various responses related to demographic characteristics and participation behaviors. Responses for selected questions were tested by means of z-scores for relationships to specific characteristics and behaviors. A positive z-score means that the response and characteristic are positively related; a negative z-score means that the response and characteristic are negatively related. For each z-score tabulation, only the statistically significant relationships are shown, which are those greater than +1.96 (positive correlation) or those less than -1.96 (negative correlation).

The top of the z-score tabulation shows the strongest *positive* correlation (unless the tabulation had no statistically significant positive z-scores); the bottom of the z-score tabulation shows the strongest *negative* correlation (unless the tabulation had no statistically significant negative z-scores). The arrows show that the positive correlation increases towards the top of the tabulation and the negative correlation increases towards the bottom of the tabulation. The absence of arrows on some small tables was simply due to lack of room to graphically portray the arrows.

The asterisks on the z-scores show the strength of the relationship between the characteristic and the response to the question. Those z-scores that have an absolute value of 3.30 or greater have three asterisks—three asterisks indicate that the relationship is so strong that it would happen by chance only 1 out of 1,000 times. Those z-scores that have an absolute value of 2.57 to below 3.30 have two asterisks—two asterisks indicate that the relationship is so strong that it would happen by chance only 1 out of 100 times. Finally, those z-scores that have an absolute value of 1.96 to below 2.57 have one asterisk—one asterisk indicates that the relationship is so strong that it would happen by chance only 5 out of 100 times.

The z-scores are calculated as shown in the formula below.

Equation to calculate z-scores

$$z = \frac{(p_1 - p_2)}{\sqrt{p(1-p) \left[\frac{1}{n_1} + \frac{1}{n_2} \right]}}$$

where:

n_1 represents the number of observations in Group 1.

n_2 represents the number of observations in Group 2.

$p_1 = a/(a + b) = a/n_1$ and represents the proportion of observations in Group 1 that falls in Cell *a*. It is employed to estimate the population proportion Π_1 (% of Group 1 who did something).

$p_2 = c/(c + d) = c/n_2$ and represents the proportion of observations in Group 2 that falls in Cell *c*. It is employed to estimate the population proportion Π_2 (% of Group 2 who did something).

$p = (a + c)/(n_1 + n_2) = (a + c)/n$ and is a pooled estimate of the proportion of respondents who did something in the underlying population.

(Equation from *Handbook of Parametric and Nonparametric Statistical Procedures*, 2nd Edition by David J. Sheskin. © 2000, Chapman & Hall/CRC, Boca Raton, FL.)

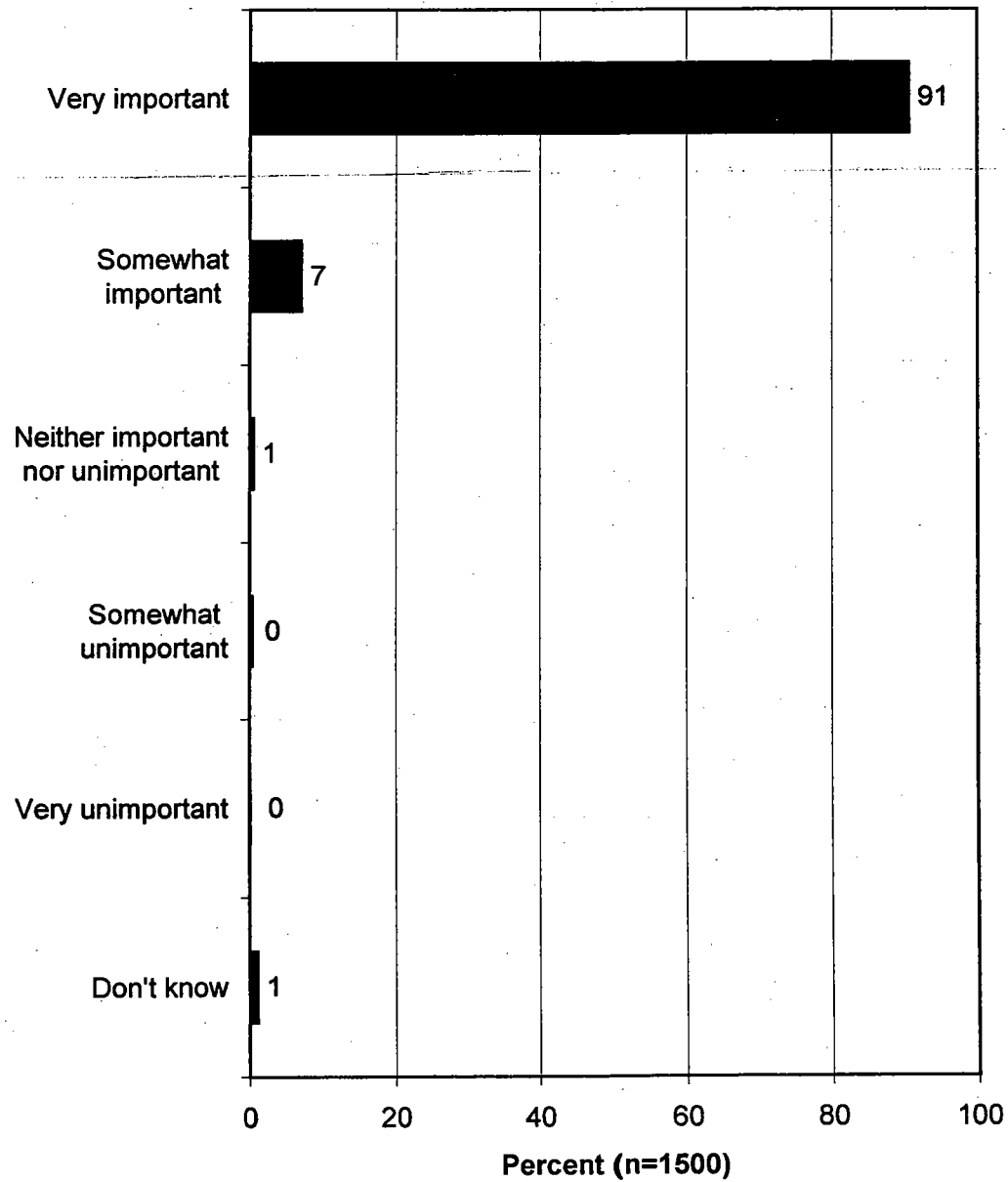
NONGAME WILDLIFE VALUES AND OPINIONS ON THE STATUS OF NONGAME SPECIES

Respondents were asked to rate the importance of eight values regarding Arizona's fish and wildlife, as shown in the tabulation below. All values except that people have the opportunity to hunt in Arizona had a majority responding that the value is very important. Low percentages rated any of the eight values as unimportant. The individual graphs follow the tabulation.

Rating of Importance of Values Regarding Fish and Wildlife in Arizona (ranked by percent rating the value important)

Value—Do you think it is important or unimportant that:	Percent Who Rated the Value Very Important	Percent Who Rated the Value Very or Somewhat Important	Percent Who Rated the Value Very Unimportant	Percent Who Rated the Value Very or Somewhat Unimportant
Q251. Fish and wildlife exist in Arizona?	91	98	0	0
Q254. People have the opportunity to view wildlife in a natural setting in Arizona?	83	97	1	2
Q257. Game species are properly managed and conserved in Arizona?	73	94	1	2
Q258. People in Arizona receive education about Arizona's fish and wildlife?	73	94	1	3
Q255. Threatened and endangered species are properly managed and conserved in Arizona?	75	92	1	3
Q253. People have the opportunity to fish in Arizona?	63	91	3	5
Q256. Nongame species are properly managed and conserved in Arizona?	64	89	1	4
Q252. People have the opportunity to hunt in Arizona?	40	68	14	22

Q251. Do you think it is important or unimportant that fish and wildlife exist in Arizona?



Thinks it is very or somewhat important that fish and wildlife exist in AZ	Z-SCORE
White	3.78***
Watched wildlife within 1 mile of home in AZ over the past 2 years	3.07**
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	2.34*
College graduate	2.31*
45-54 years old	2.21*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Hispanic	-2.01*
Live in Yuma County	-2.01*
Live in Greenlee County	-3.62***

Most likely to think it is very or somewhat important that fish and wildlife exist in AZ

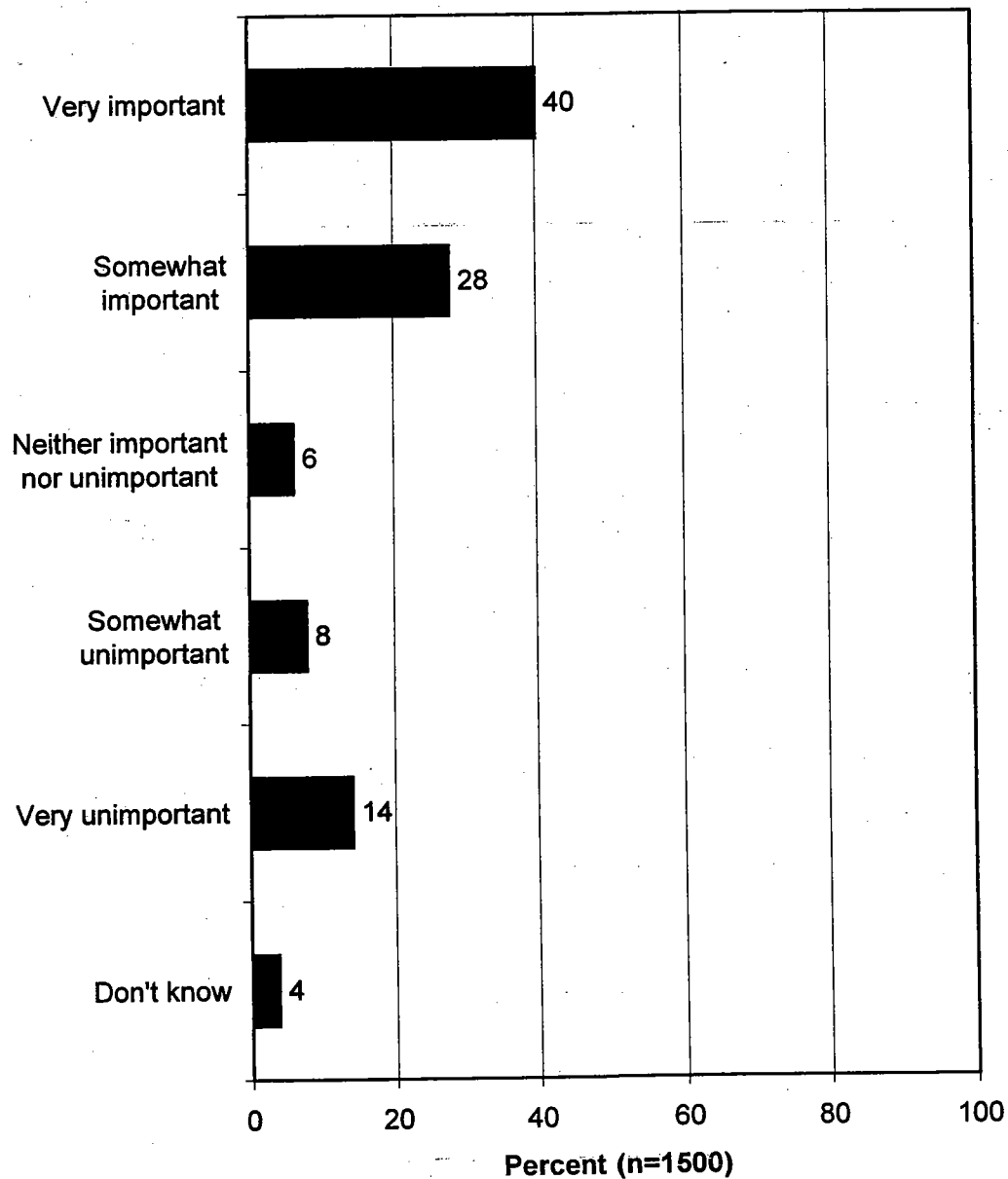


Most likely *not* to think it is very or somewhat important that fish and wildlife exist in AZ

Thinks it is very or somewhat unimportant that fish and wildlife exist in AZ	Z-SCORE
Live in Greenlee County	7.81***
Lived in Arizona 6-10 years	2.3*
African-American	2.28*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	

Most likely to think it is very or somewhat unimportant that fish and wildlife exist in AZ

**Q252. Do you think it is important or unimportant
that people have the opportunity to hunt in
Arizona?**



Thinks it is very or somewhat important that people have the opportunity to hunt in AZ	Z-SCORE
Male	8.73***
Lived in Arizona over 25 years	5.12***
35-44 years old	2.53*
Arizona native	2.41*
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	2.27*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Not Arizona native	-2.19*
18-24 years old	-2.32*
Lived in Arizona 6-10 years	-2.61**
Lived in Arizona 5 years or less	-4.76***
Female	-8.53***

Most likely to think it is very or somewhat important that people have the opportunity to hunt in AZ



Most likely *not* to think it is very or somewhat important that people have the opportunity to hunt in AZ

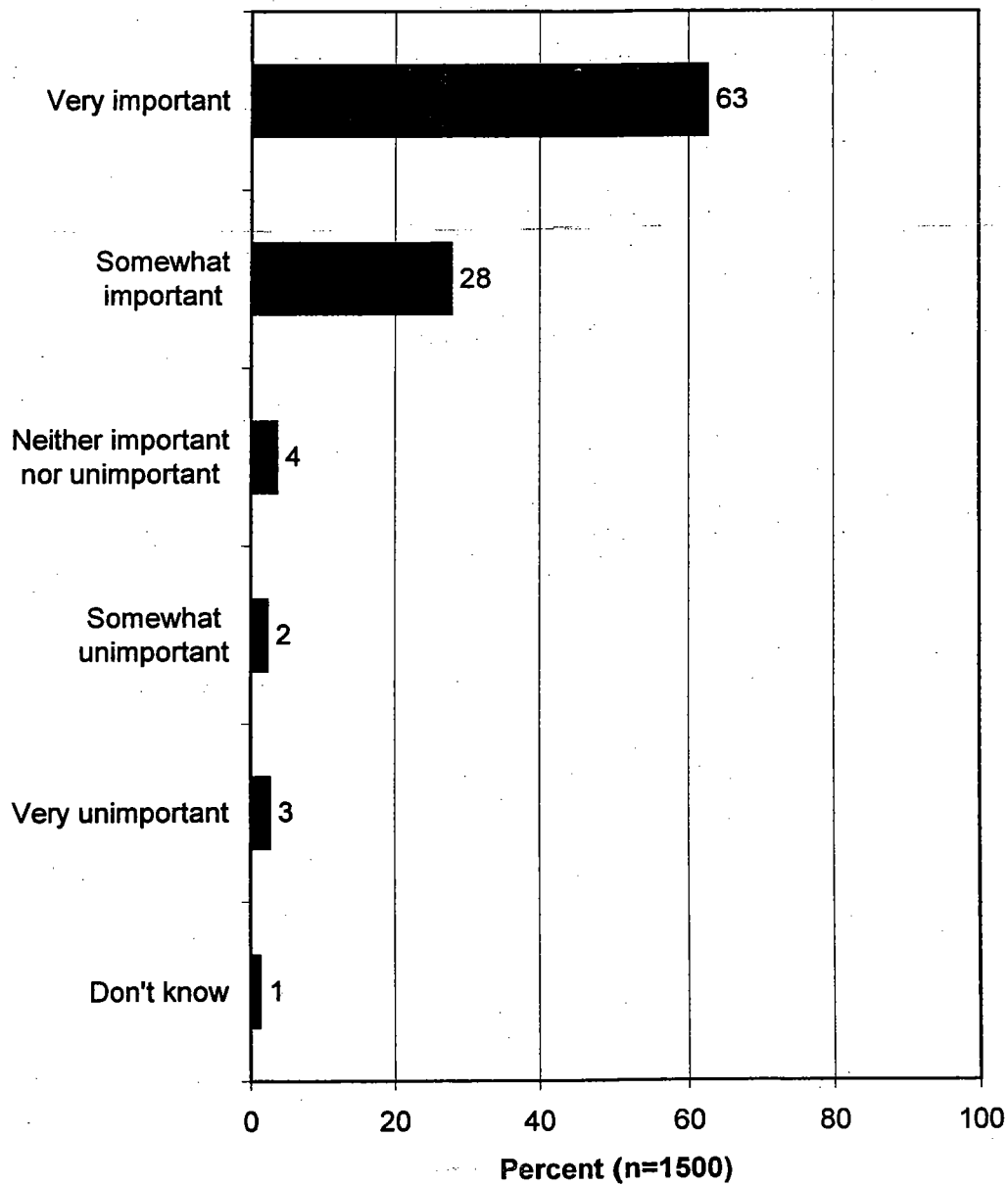


Thinks it is very or somewhat unimportant that people have the opportunity to hunt in AZ	Z-SCORE
Female	8.13***
Lived in Arizona 5 years or less	4.08***
18-24 years old	2.41*
Income of \$15,000 - \$24,999	2.19*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Lived in Arizona over 25 years	-4.57***
Male	-8.28***

Most likely to think it is very or somewhat unimportant that people have the opportunity to hunt in AZ

Most likely *not* to think it is very or somewhat unimportant that people have the opportunity to hunt in AZ

Q253. Do you think it is important or unimportant that people have the opportunity to fish in Arizona?



Thinks it is very or somewhat important that people have the opportunity to fish in AZ	Z-SCORE
Lived in Arizona over 25 years	4.02***
Male	3.49***
55-64 years old	2.64**
Income of \$65,000 or over	2.46*
Income of \$25,000 - \$34,999	2.37*
White	2*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
25-34 years old	-2.77**
18-24 years old	-3.33***
Female	-3.56***
Lived in Arizona 5 years or less	-3.58***

Most likely to think it is very or somewhat important that people have the opportunity to fish in AZ



Most likely *not* to think it is very or somewhat important that people have the opportunity to fish in AZ

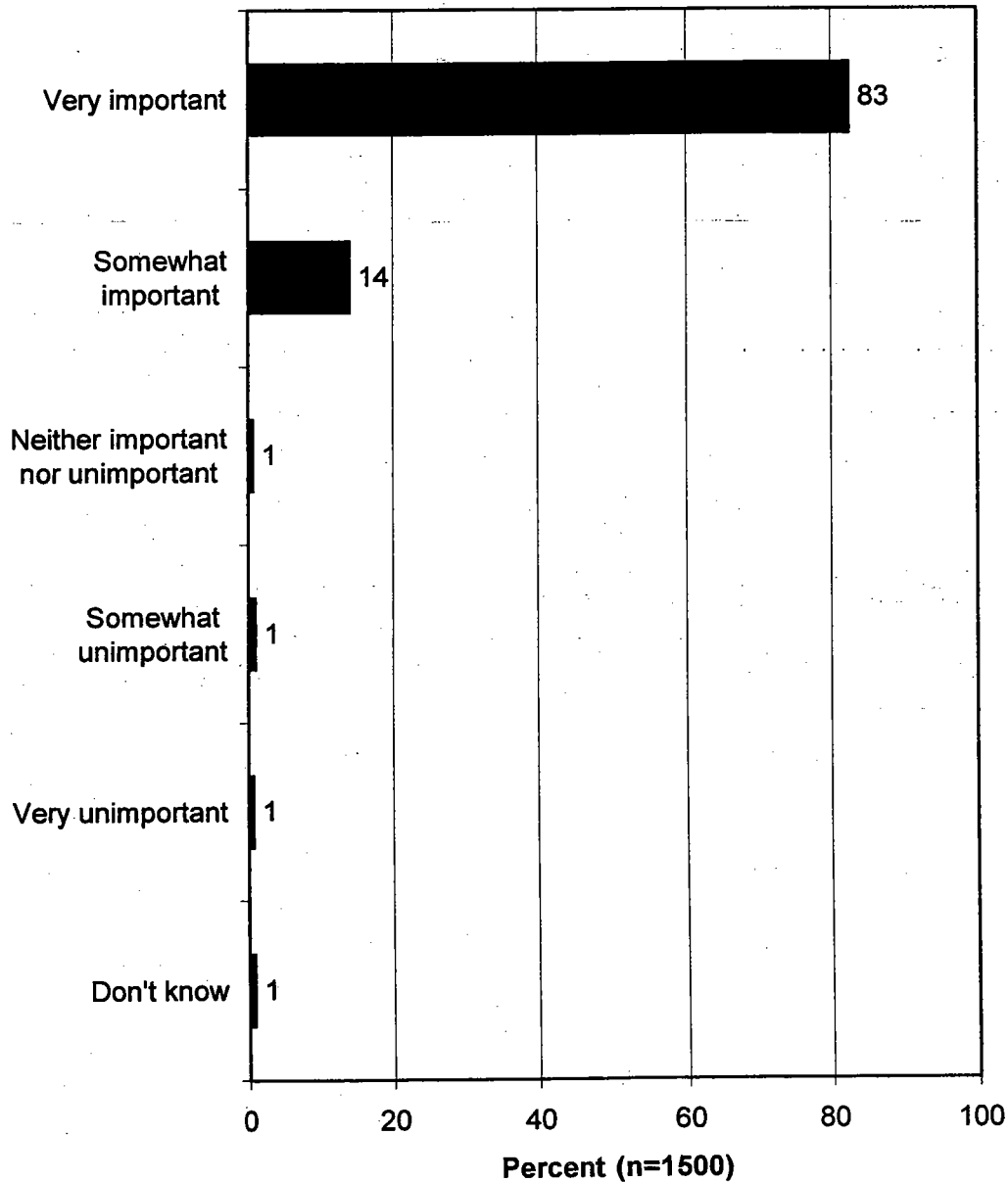
Thinks it is very or somewhat unimportant that people have the opportunity to fish in AZ	Z-SCORE
18-24 years old	3.86***
Live in Santa Cruz County	3.25**
Female	2.98**
Live in LaPaz County	2.43*
25-34 years old	2.23*
Lived in Arizona 6-10 years	2.09*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
65 years old or older	-1.99*
Income of \$25,000 - \$34,999	-2.05*
35-44 years old	-2.26*
Lived in Arizona over 25 years	-2.68**
Male	-2.94**

Most likely to think it is very or somewhat unimportant that people have the opportunity to fish in AZ



Most likely *not* to think it is very or somewhat unimportant that people have the opportunity to fish in AZ

Q254. Do you think it is important or unimportant that people have the opportunity to view wildlife in a natural setting in Arizona?



Thinks it is very or somewhat important that people have the opportunity to view wildlife in AZ	Z-SCORE
Watched wildlife within 1 mile of home in AZ over the past 2 years	3.39***
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	2.5*
College graduate	2.31*
White	2.22*
Income of \$50,000 - \$64,999	2.06*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Live in LaPaz County	-3.17**

Most likely to think it is very or somewhat important that people have the opportunity to view wildlife in AZ



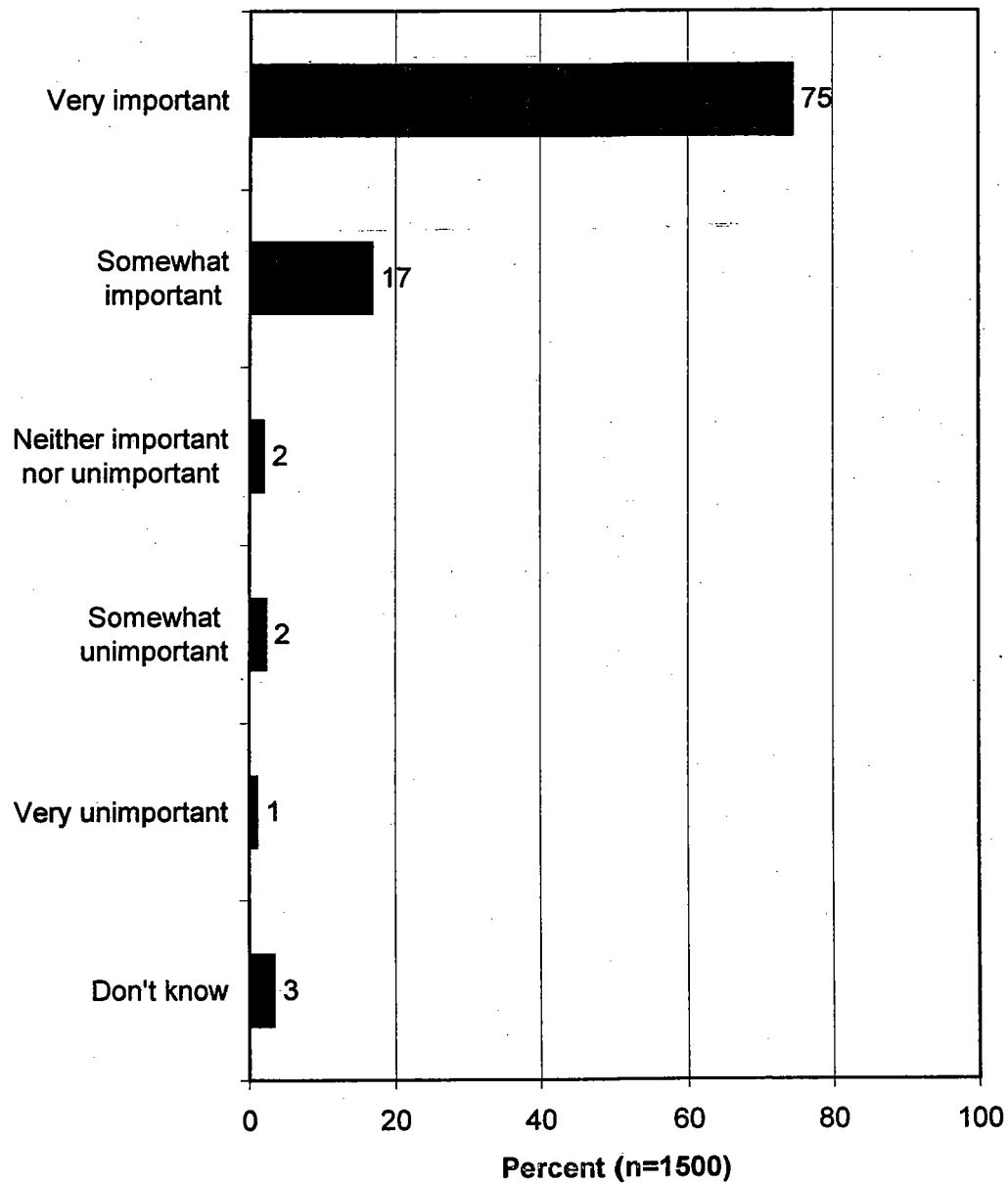
Most likely *not* to think it is very or somewhat important that people have the opportunity to view wildlife in AZ

Thinks it is very or somewhat unimportant that people have the opportunity to view wildlife in AZ	Z-SCORE
Live in LaPaz County	4.72***
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Lived in Arizona 11-15 years	-1.96*
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	-2.07*
Watched wildlife within 1 mile of home in AZ over the past 2 years	-2.72**

Most likely to think it is very or somewhat unimportant that people have the opportunity to view wildlife in AZ

Most likely *not* to think it is very or somewhat unimportant that people have the opportunity to view wildlife in AZ

Q255. Do you think it is important or unimportant that threatened and endangered species are properly managed and conserved in Arizona?



Thinks it is very or somewhat important that threatened and endangered species are properly managed and conserved in AZ	Z-SCORE
18-24 years old	2.35*
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	2.34*
Watched wildlife within 1 mile of home in AZ over the past 2 years	2.01*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Live in Yuma County	-2.77**
65 years old or older	-4.57***

Most likely to think it is very or somewhat important that threatened and endangered species are properly managed and conserved in AZ

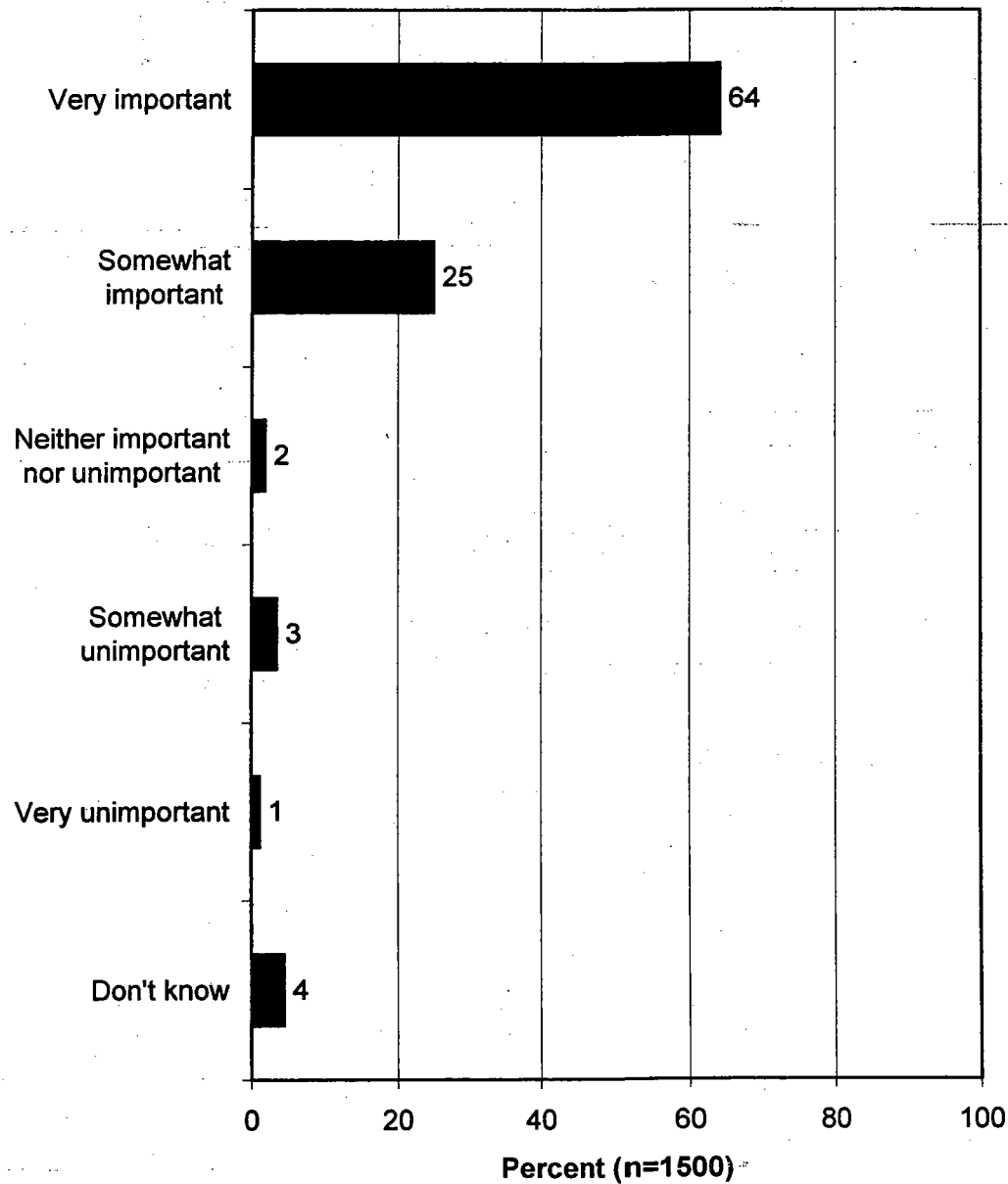
Most likely *not* to think it is very or somewhat important that threatened and endangered species are properly managed and conserved in AZ

Thinks it is very or somewhat unimportant that threatened and endangered species are properly managed and conserved in AZ	Z-SCORE
65 years old or older	4.21***
Live in Yuma County	2.95**
Live in Greenlee County	2.9**
Lived in Arizona over 25 years	2.29*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
35-44 years old	-2.27*
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	-2.5*
Watched wildlife within 1 mile of home in AZ over the past 2 years	-3.1**

Most likely to think it is very or somewhat unimportant that threatened and endangered species are properly managed and conserved in AZ

Most likely *not* to think it is very or somewhat unimportant that threatened and endangered species are properly managed and conserved in AZ

Q256. Do you think it is important or unimportant that nongame species are properly managed and conserved in Arizona?



Thinks it is very or somewhat important that nongame species are properly managed and conserved in AZ	Z-SCORE
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	3.27**
18-24 years old	2.31*
Some college	2.22*
35-44 years old	2.1*
Watched wildlife within 1 mile of home in AZ over the past 2 years	2.02*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
High school graduate or less	-1.97*
65 years old or older	-4.66***

Most likely to think it is very or somewhat important that nongame species are properly managed and conserved in AZ



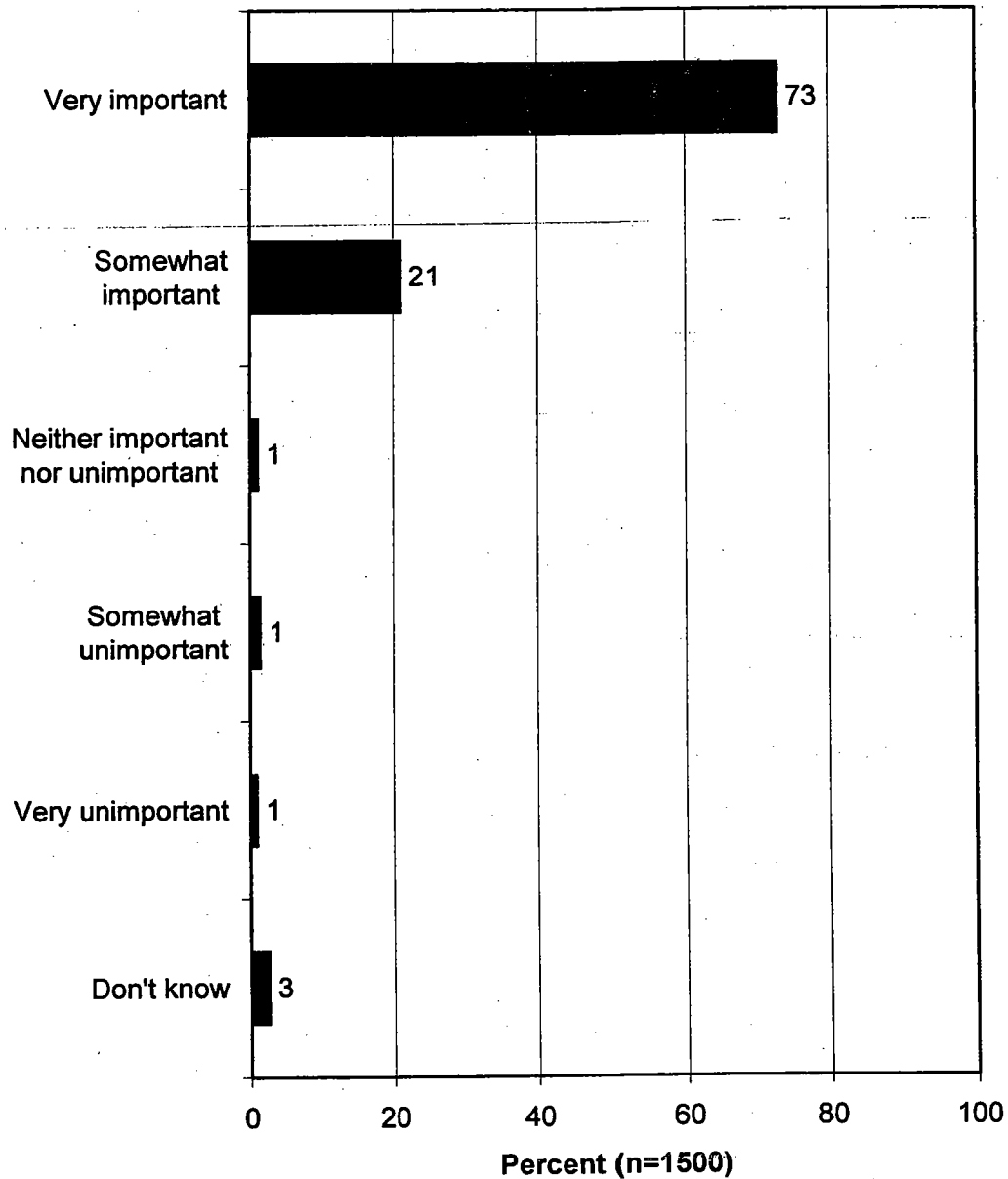
Most likely *not* to think it is very or somewhat important that nongame species are properly managed and conserved in AZ

Thinks it is very or somewhat unimportant that nongame species are properly managed and conserved in AZ	Z-SCORE
65 years old or older	2.61**
High school graduate or less	2.48*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Watched wildlife within 1 mile of home in AZ over the past 2 years	-3**

Most likely to think it is very or somewhat unimportant that nongame species are properly managed and conserved in AZ

Most likely *not* to think it is very or somewhat unimportant that nongame species are properly managed and conserved in AZ

**Q257. Do you think it is important or unimportant
that game species are properly managed and
conserved in Arizona?**



Q257. Thinks it is very or somewhat important that game species are properly managed and conserved in AZ	Z-SCORE
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	3.78***
Watched wildlife within 1 mile of home in AZ over the past 2 years	2.95**
Male	2.87**
White	2.14*
45-54 years old	2.12*
35-44 years old	2.07*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Live in Greenlee County	-2*
Female	-2.92**
65 years old or older	-3.1**
Live in Yuma County	-3.38***

Most likely to say thinks it is very or somewhat important that game species are properly managed and conserved in AZ

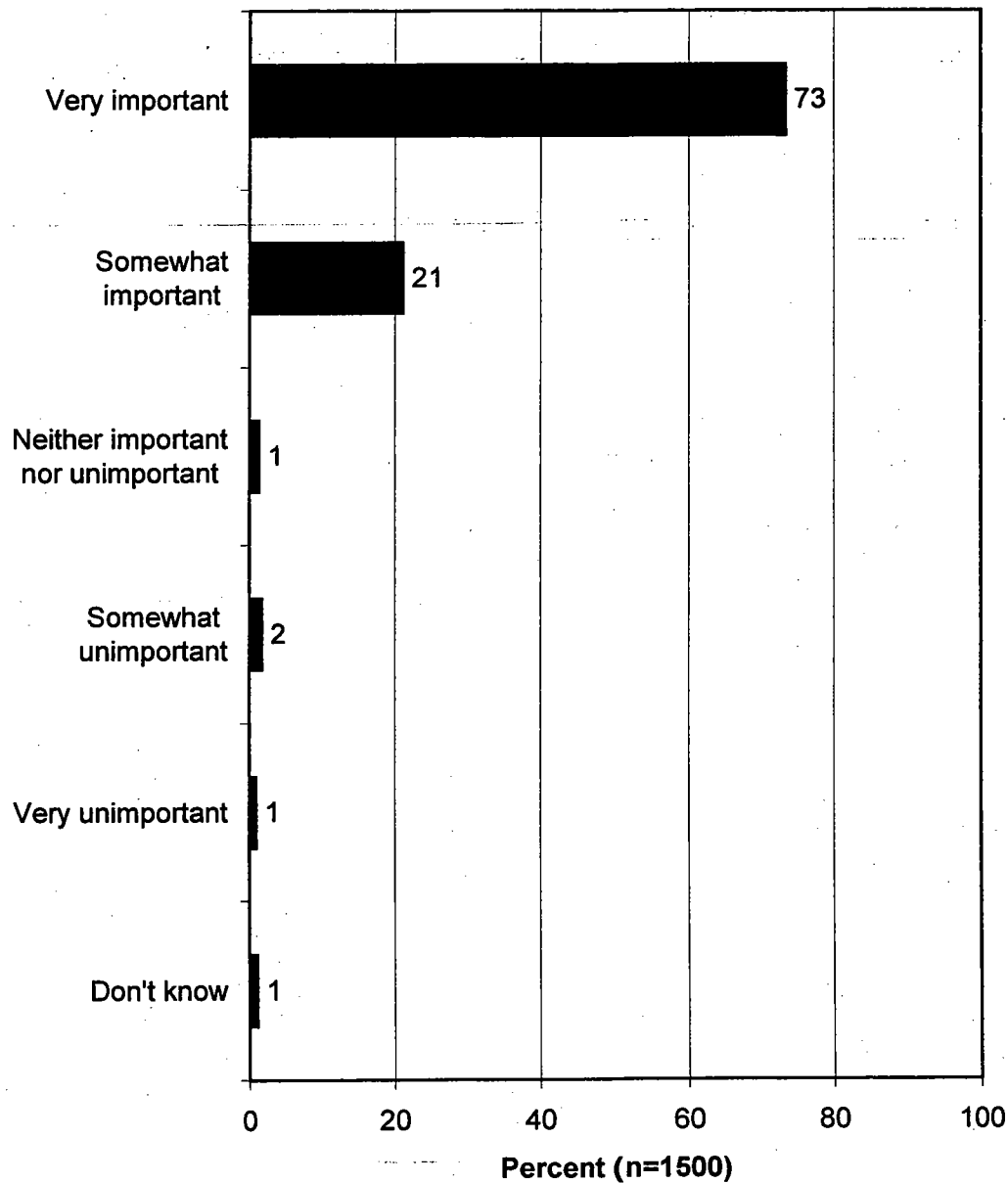
Most likely *not* to say thinks it is very or somewhat important that game species are properly managed and conserved in AZ

Q257. Thinks it is very or somewhat unimportant that game species are properly managed and conserved in AZ	Z-SCORE
Live in Yuma County	4.96***
High school graduate or less	2.24*
18-24 years old	2.18*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	-2.05*
Watched wildlife within 1 mile of home in AZ over the past 2 years	-2.17*

Most likely to say thinks it is very or somewhat unimportant that game species are properly managed and conserved in AZ

Most likely *not* to say thinks it is very or somewhat unimportant that game species are properly managed and conserved in AZ

**Q258. Do you think it is important or unimportant
that people in Arizona receive education about
Arizona's fish and wildlife?**

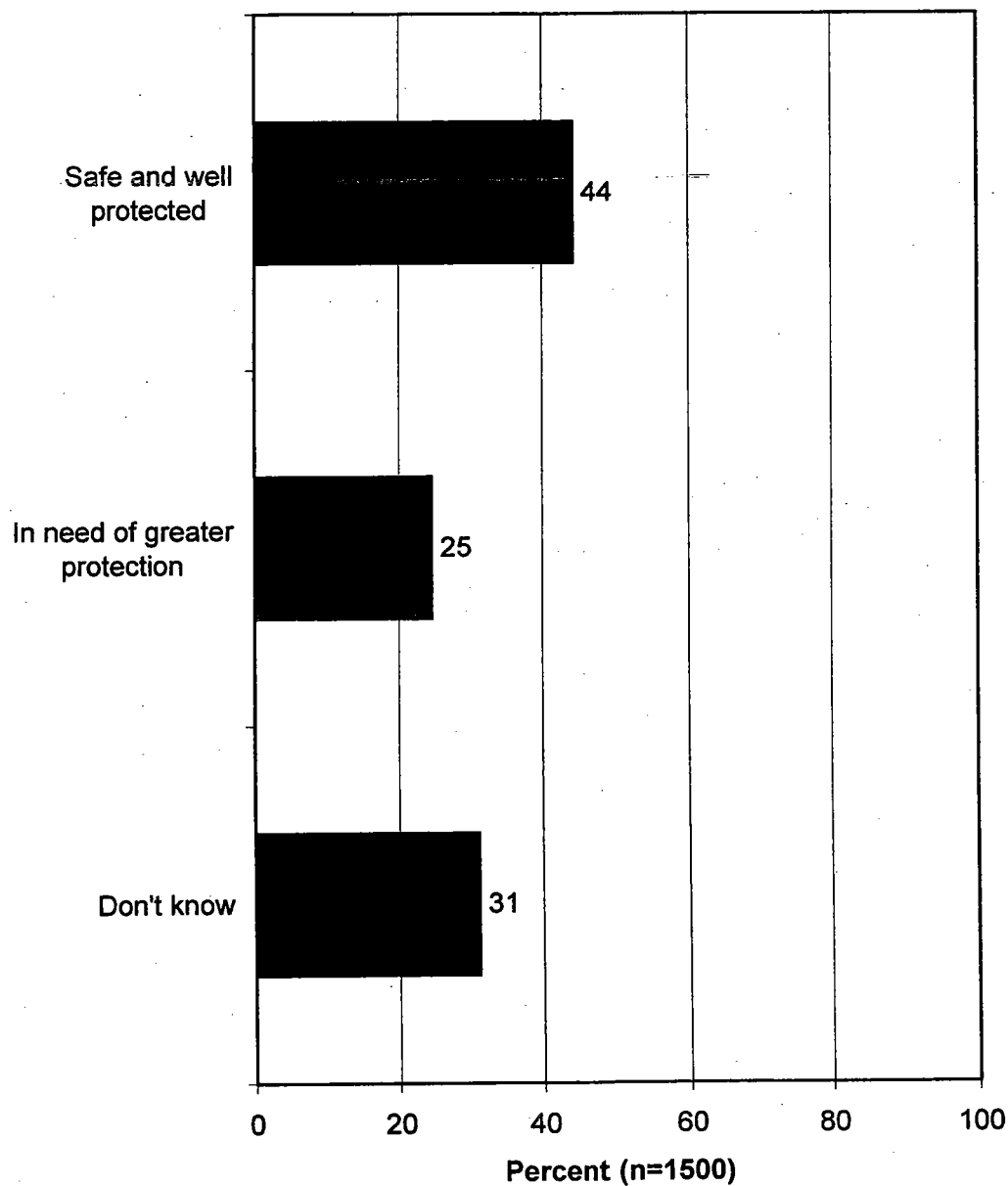


The survey asked respondents whether they thought five categories of animals were safe and well protected or in need of greater protection, as shown in the tabulation below. Game fish was the only category to be perceived as safe and well protected by a majority of respondents; all the remaining animal categories had less than a majority who perceived them to be safe and well protected, with "endangered species" having the lowest percentage (21%) who thought they were safe and well protected. The individual graphs follow the tabulation.

Opinions on the Status of Categories of Animals (ranked by percent who thought the animal category was safe and well protected)

Animal Category	Percent Who Thought the Category Was Safe and Well Protected	Percent Who Thought the Category Was in Need of Greater Protection	Percent Who Answered that They Did Not Know Status
Q261. Game fish (bass, trout, catfish)	52	14	34
Q262. Waterfowl (ducks, geese)	48	19	34
Q264. Nongame species (amphibians, reptiles, songbirds)	45	23	32
Q260. Big game species (elk, antelope, deer, black bear)	44	25	31
Q263. Endangered species (black footed ferrets, jaguars, California condor)	21	45	34

Q260. Do you think big game species, such as elk, antelope, deer, or black bear, are safe and well protected or in need of greater protection?



Thinks big game species are safe and well protected	Z-SCORE
Male	5.87***
Lived in Arizona over 25 years	3.63***
Lived in Arizona 11-15 years	3.25**
Arizona native	3.18**
Live in Graham County	2.38*
35-44 years old	2.2*
Some college	2.17*
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	2.15*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
African-American	-2.33*
College graduate	-2.36*
Not Arizona native	-2.84**
Lived in Arizona 5 years or less	-3.06**
Lived in Arizona 6-10 years	-4.34***
Female	-5.89***

Most likely to think big game species are safe and well protected



Most likely *not* to think big game species are safe and well protected

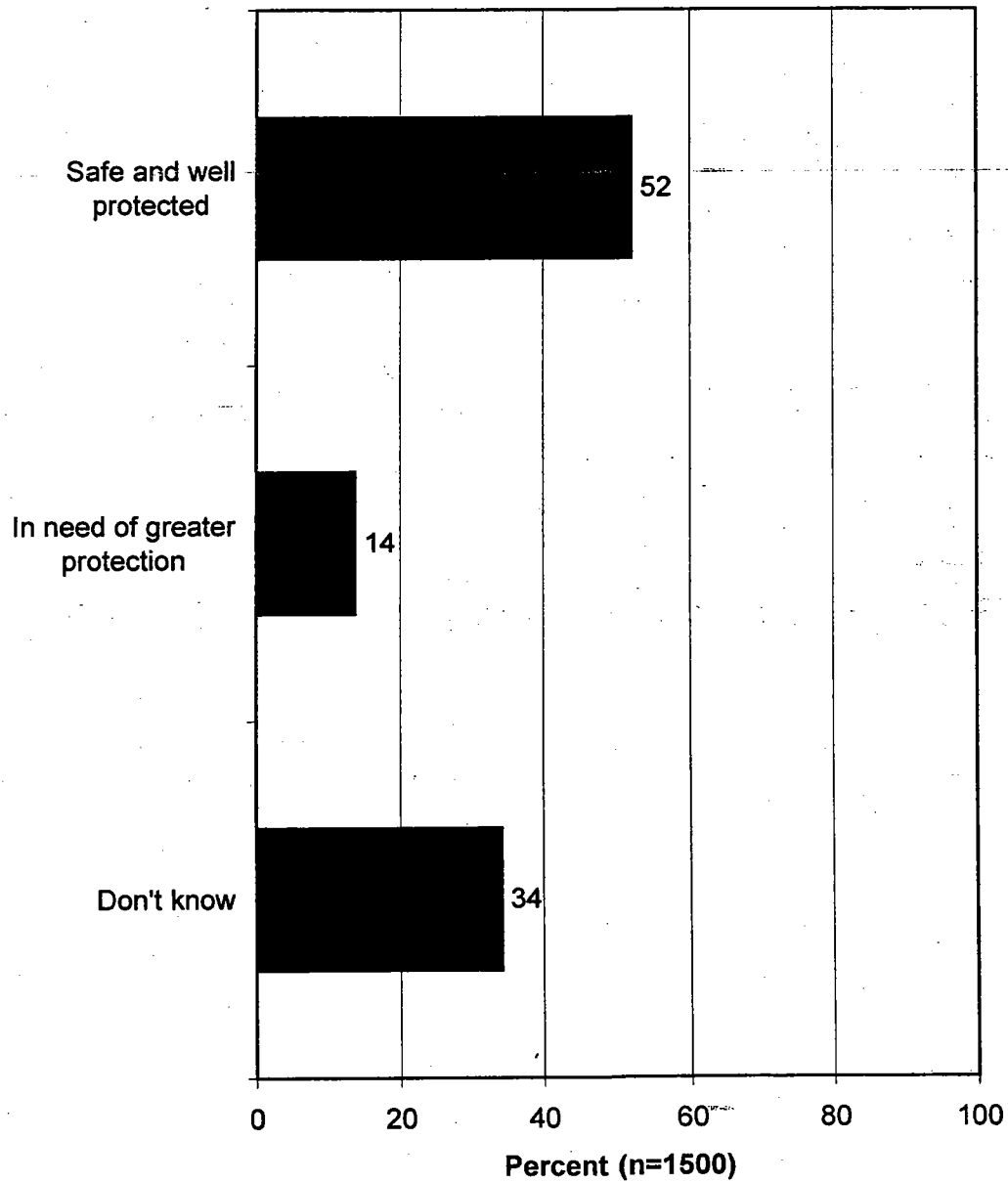
Thinks big game species are in need of greater protection	Z-SCORE
Live in Pima County	2.9**
Native American	2.79**
African-American	2.42*
45-54 years old	2.27*
Arizona native	2.17*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Income of \$35,000 - \$49,999	-2.09*
Not Arizona native	-2.12*
White	-2.73**
65 years old or older	-3.25**

Most likely to think big game species are in need of greater protection



Most likely *not* to think big game species are in need of greater protection

Q261. Do you think game fish, such as bass, trout, and catfish, are safe and well protected or in need of greater protection?



Thinks game fish are safe and well protected	Z-SCORE
Male	5.95***
Lived in Arizona over 25 years	3.88***
Arizona native	3.34***
35-44 years old	3.28**
Caught or harvested nongame animals for personal use in AZ over the past 2 years	2.41*
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	2.32*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Lived in Arizona 6-10 years	-2.6**
Lived in Arizona 5 years or less	-2.82**
Not Arizona native	-2.86**
65 years old or older	-3.62***
Female	-6.04***

Most likely to think game fish are safe and well protected



Most likely *not* to think game fish are safe and well protected

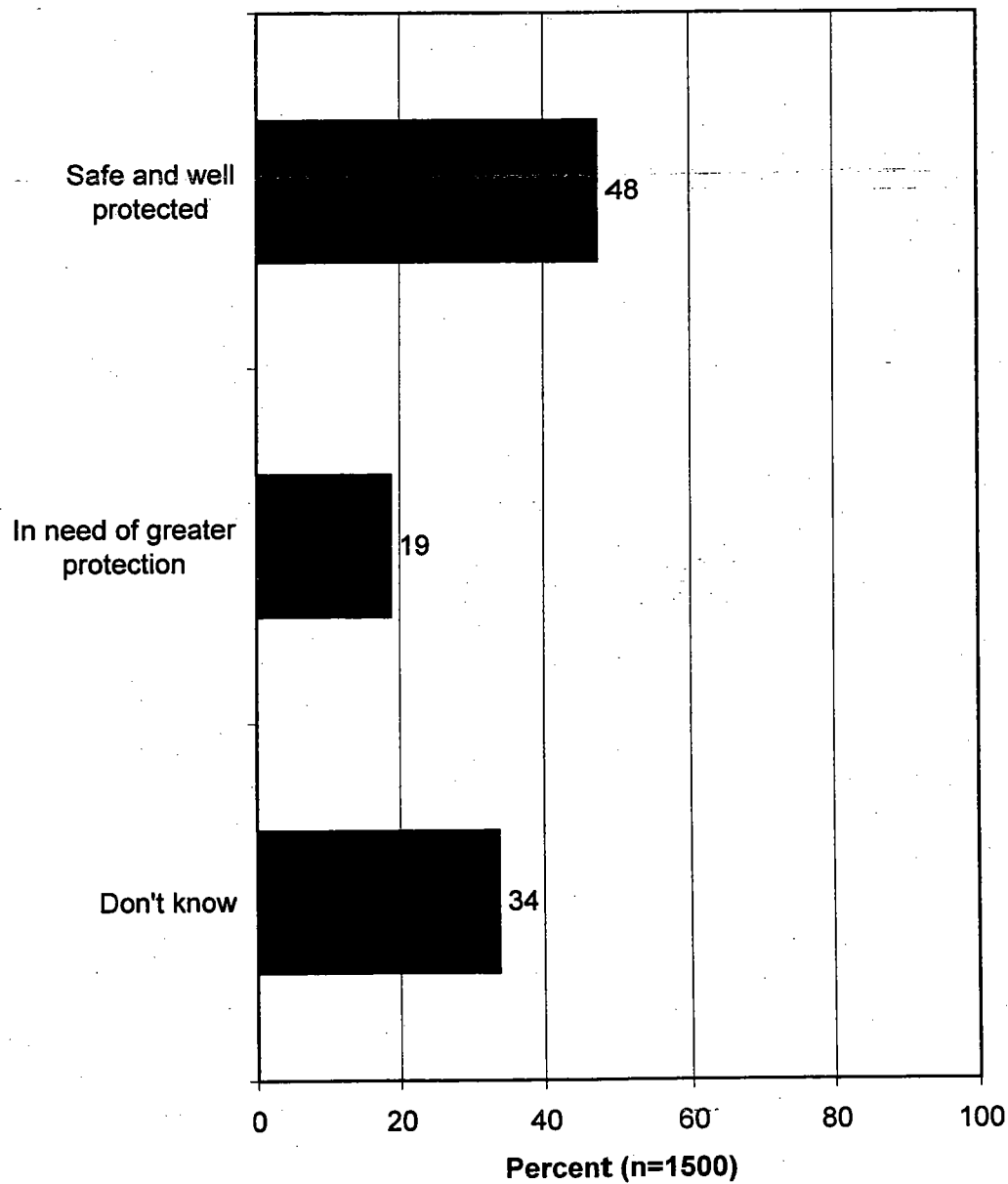
Thinks game fish are in need of greater protection	Z-SCORE
Native American	3.11**
Live in Coconino County	2.84**
Arizona native	2.76**
Caught or harvested nongame animals for commercial/scientific use in AZ over the past 2 years	2.5*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
White	-2.74**
Not Arizona native	-2.83**

Most likely to think game fish are in need of greater protection



Most likely *not* to think game fish are in need of greater protection

Q262. Do you think waterfowl, such as ducks and geese, are safe and well protected or in need of greater protection?



Thinks waterfowl are safe and well protected	Z-SCORE
Male	5.43***
Took a trip to-view wildlife at-least 1 mile from home in AZ over the past 2 years	3.19**
Watched wildlife within 1 mile of home in AZ over the past 2 years	2.72**
Lived in Arizona 11-15 years	2.42*
High school graduate or less	2.21*
Arizona native	2.07*
Caught or harvested nongame animals for personal use in AZ over the past 2 years	2.06*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Income under \$15,000	-2.24*
Female	-5.33***

Most likely to think waterfowl are safe and well protected



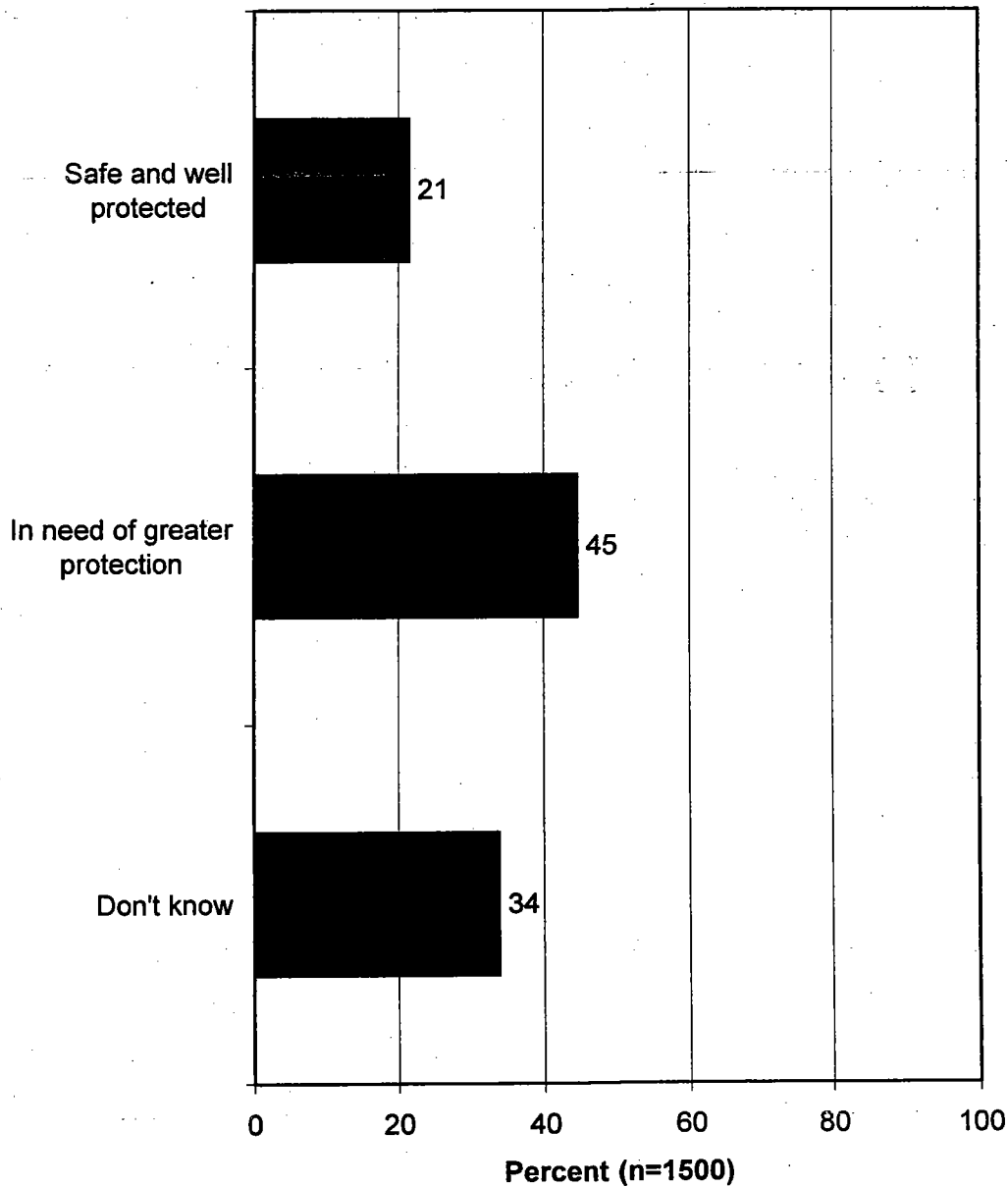
Most likely *not* to think waterfowl are safe and well protected

Thinks waterfowl are in need of greater protection	Z-SCORE
Female	3.71***
Caught or harvested nongame animals for commercial/scientific use in AZ over the past 2 years	2.09*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Live in Gila County	-1.99*
White	-2.3*
Live in Yuma County	-2.49*
Male	-3.88***

Most likely to think waterfowl are in need of greater protection

Most likely *not* to think waterfowl are in need of greater protection

Q263. Do you think endangered species, such as black footed ferrets, jaguars, and the California condor, are safe and well protected or in need of greater protection?



Thinks endangered species are safe and well protected	Z-SCORE
Lived in Arizona over 25 years	2.27*
Male	2.15*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Lived in Arizona 6-10 years	-1.98*
Female	-2.17*
18-24 years old	-2.21*

Most likely to think endangered species are safe and well protected

Most likely *not* to think endangered species are safe and well protected

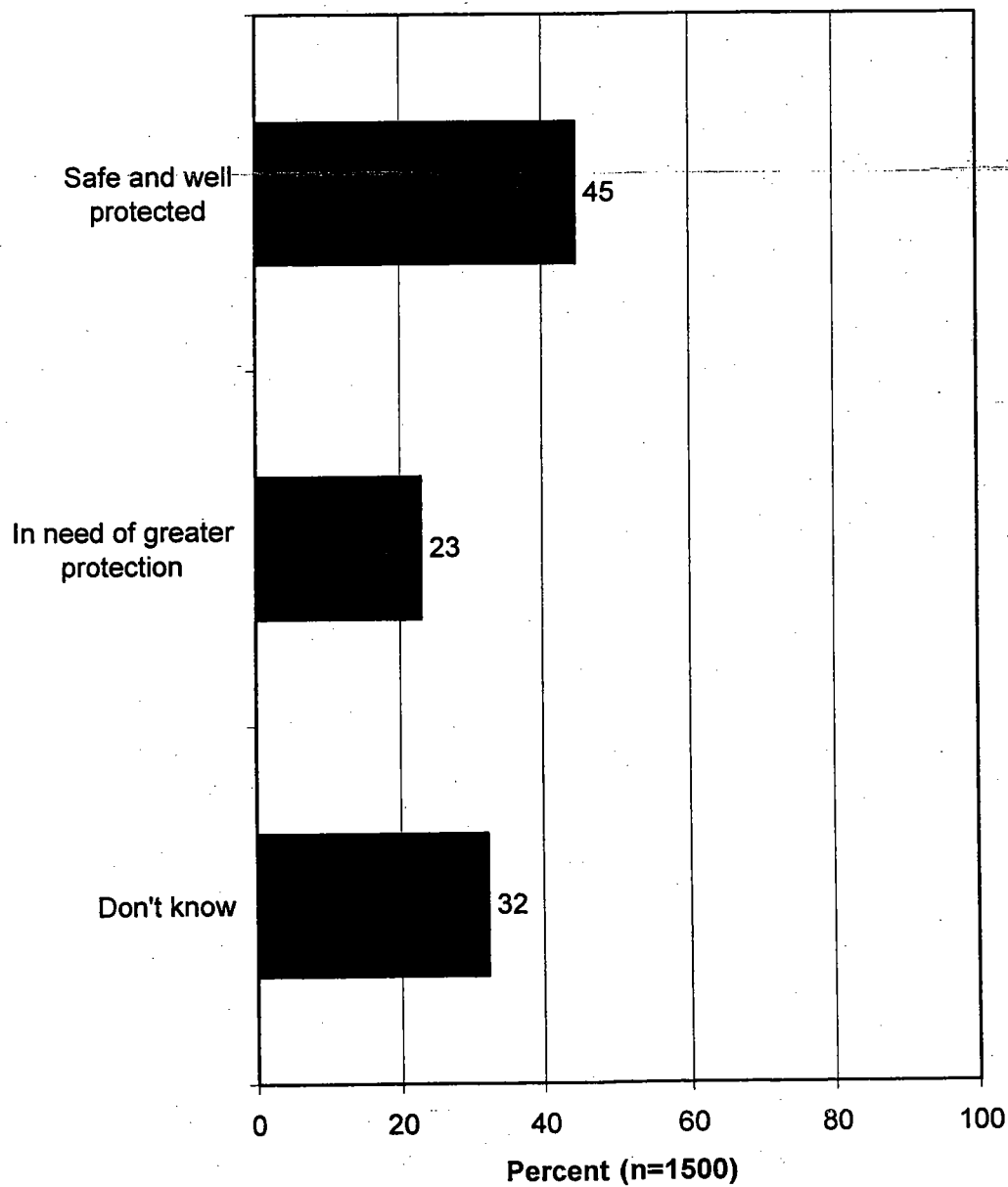
Thinks endangered species are in need of greater protection	Z-SCORE
Arizona native	4.61***
18-24 years old	3.43***
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	3.31***
Native American	2.79**
Live in Coconino County	2.49*
Live in Pima County	2.19*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Live in Yuma County	-2.47*
65 years old or older	-2.49*
Not Arizona native	-4.49***

Most likely to think endangered species are in need of greater protection

Most likely *not* to think endangered species are in need of greater protection



Q264. Do you think nongame species, such as amphibians, reptiles, and songbirds, are safe and well protected or in need of greater protection?



Thinks nongame species are safe and well protected	Z-SCORE
Male	4.64***
Caught or harvested nongame animals for personal use in AZ over the past 2 years	2.88**
High school graduate or less	2.77**
Arizona native	2.68**
Live in Cochise County	2.36*
Lived in Arizona over 25 years	2.34*
Some college	2.02*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Not Arizona native	-2.23*
Live in Maricopa County	-2.35*
College graduate	-4.07***
Female	-4.55***

Most likely to think
nongame species are safe
and well protected



Most likely *not* to think
nongame species are safe
and well protected

Thinks nongame species are in need of greater protection	Z-SCORE
Gone birding in AZ over the past 2 years	3.63***
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	3.22**
College graduate	2.93**
Female	2.23*
Income under \$15,000	2.15*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Not Arizona native	-2.05*
Male	-2.24*
Live in Gila County	-2.26*
White	-2.46*

Most likely to think
nongame species are in
need of greater protection

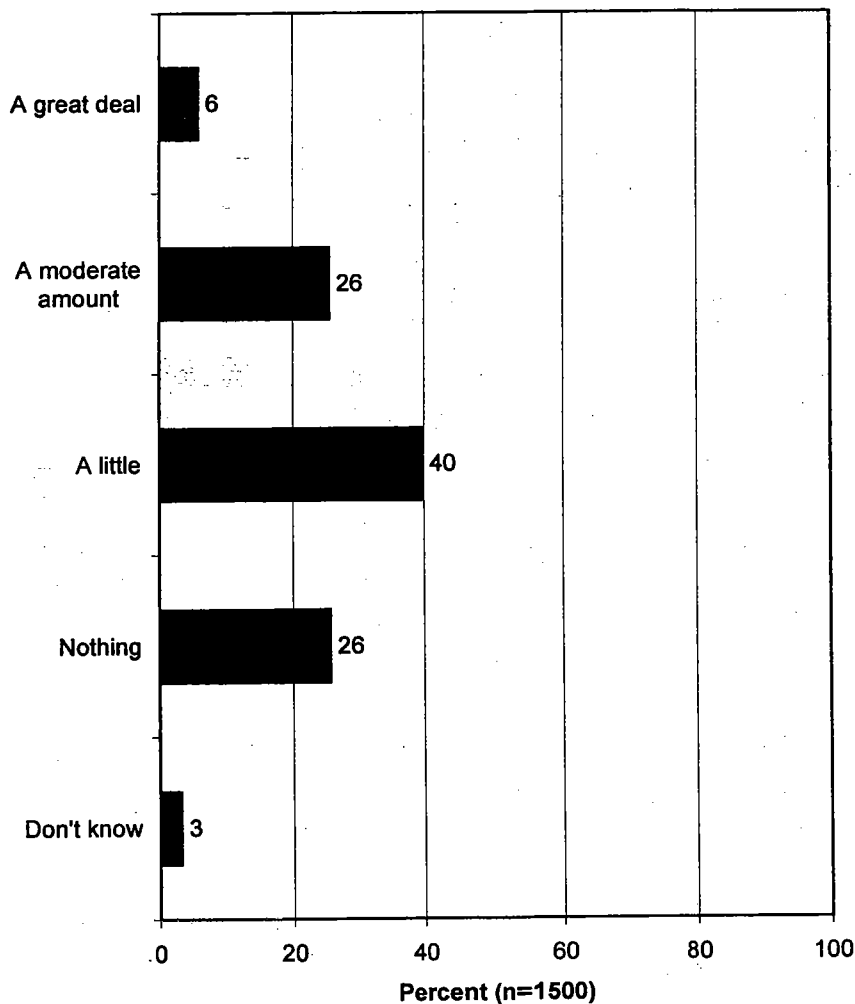


Most likely *not* to think
nongame species are in
need of greater protection

KNOWLEDGE AND RATING OF THE AGFD AND RATING OF THE IMPORTANCE OF ITS PROGRAMS

The survey found that 32% of respondents said they knew a great deal or a moderate amount about the AGFD's nongame program before the survey. However, a comparable percentage of respondents (29%) said they knew nothing at all or did not know their knowledge level of AGFD's nongame program before the survey.

Q265. Before this survey, would you say you knew a great deal, a moderate amount, a little, or nothing about the Arizona Game and Fish Department's nongame program?



Knew a great deal or moderate amount about the AGFD's nongame program before the survey	Z-SCORE
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	8.26***
Male	4.04***
Watched wildlife within 1 mile of home in AZ over the past 2 years	3.64***
Caught or harvested nongame animals for personal use in AZ over the past 2 years	3.32***
Lived in Arizona over 25 years	3.16**
Income of \$65,000 or over	2.47*
Gone birding in AZ over the past 2 years	2.46*
45-54 years old	2.35*
55-64 years old	2.32*
Some college	2.17*
Live in Santa Cruz County	2.02*
STATISTICAL SIGNIFICANT VARIABLES OMITTED	
Lived in Arizona 6-10 years	-2.51*
65 years old or older	-2.59**
Female	-4.01***
Lived in Arizona 5 years or less	-4.69***

Most likely to say knew a great deal or moderate amount about the AGFD's nongame program before the survey



Most likely *not* to say knew a great deal or moderate amount about the AGFD's nongame program before the survey

Knew little or nothing about the AGFD's nongame program before the survey	Z-SCORE
Lived in Arizona 5 years or less	4.23***
Female	3.74***
25-34 years old	2.22*
Lived in Arizona 6-10 years	2.2*
Live in Maricopa County	2.15*
STATISTICAL SIGNIFICANT VARIABLES OMITTED	
Live in Gila County	-2.11*
45-54 years old	-2.13*
Gone birding in AZ over the past 2 years	-2.36*
Lived in Arizona over 25 years	-2.79**
Caught or harvested nongame animals for personal use in AZ over the past 2 years	-3.03**
Male	-3.67***
Watched wildlife within 1 mile of home in AZ over the past 2 years	-3.79***
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	-7.78***

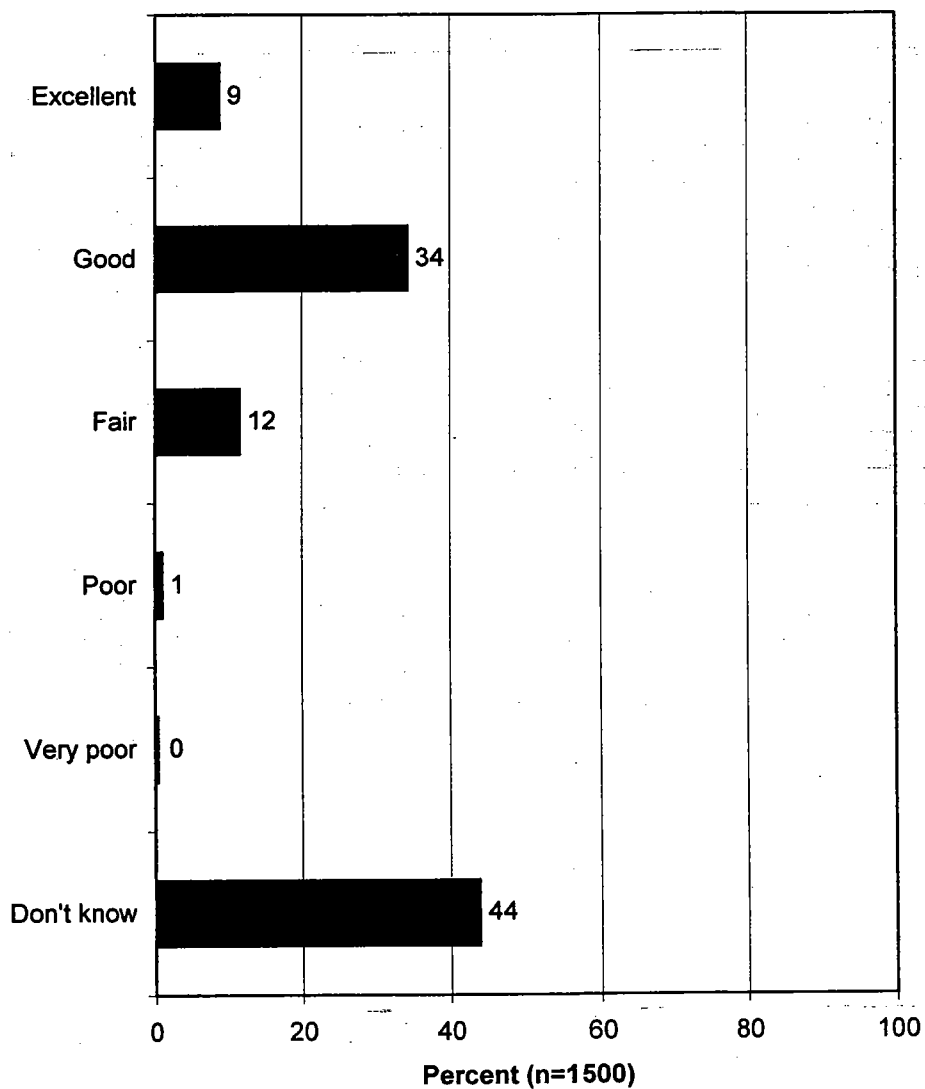
Most likely to say knew little or nothing about the AGFD's nongame program before the survey



Most likely *not* to say knew little or nothing about the AGFD's nongame program before the survey

Forty-three percent of respondents rated the AGFD's nongame program excellent or good, while a very low percentage (1%) gave a poor rating. The largest percentage (44%), and slightly more than the percent who rated the AGFD's nongame program excellent or good, said they did not know how to rate the AGFD's nongame program.

Q266. Overall, how would you rate the Arizona Game and Fish Department's nongame program?



Feels the AGFD's nongame program is excellent or good	Z-SCORE
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	5.39***
Lived in Arizona over 25 years	4.57***
Arizona native	4.46***
Watched wildlife within 1 mile of home in AZ over the past 2 years	4.23***
Male	4.05***
Live in Mohave County	2.43*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
65 years old or older	-2.05*
College graduate	-2.14*
Lived in Arizona 6-10 years	-2.38*
Female	-4.08***
Not Arizona native	-4.25***
Lived in Arizona 5 years or less	-4.66***

Most likely to feel the AGFD's nongame program is excellent or good



Most likely *not* to feel the AGFD's nongame program is excellent or good

Feels the AGFD's nongame program is poor or very poor	Z-SCORE
Live in Graham County	6.68***
Native American	2.01*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	

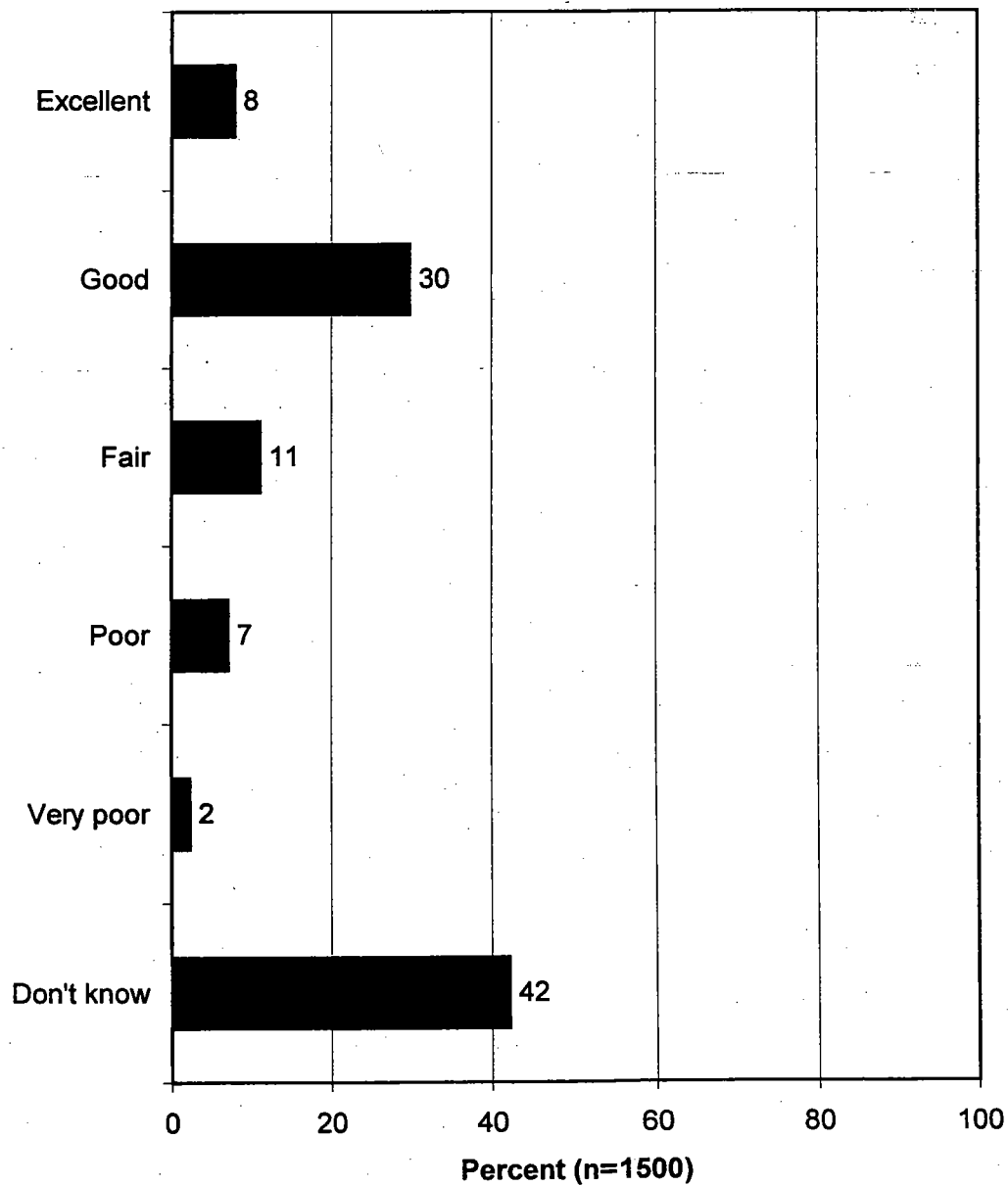
Most likely to feel the AGFD's nongame program is poor or very poor

Respondents were asked to rate the performance of five efforts that the AGFD undertakes regarding major nongame species-related activities, as shown in the tabulation below. Note that relatively large percentages answered that they do not know, as high as 79%, which reflects respondents' lack of knowledge about some efforts. Otherwise, more respondents rated the efforts excellent or good than rated the efforts as poor or very poor. No effort had a majority rating it as excellent or good. The highest ranked efforts for excellent or good were the provisions of opportunities to watch wildlife (38% for watching wildlife around or within 1 mile of their home and 35% for watching wildlife at least 1 mile from their home). The individual graphs follow the tabulation.

Rating of AGFD's Nongame-Related Efforts (ranked by the percent rating it excellent or good)

Effort	Percent Rating It Excellent	Percent Rating It Excellent or Good	Percent Rating It Very Poor	Percent Rating It Poor or Very Poor	Percent Responding that They Do Not Know
Q267. Providing opportunities to watch wildlife around or within 1 mile of respondent's home	8	38	2	9	42
Q268. Providing opportunities to watch wildlife at least 1 mile from respondent's home	7	35	2	7	48
Q269. Providing opportunities to go birding	6	30	1	4	59
Q270. Providing opportunities to harvest nongame animals for personal use	3	17	3	6	72
Q271. Providing opportunities to harvest nongame animals for commercial/scientific use	2	11	3	5	79

Q267. How would you rate the Arizona Game and Fish Department in providing opportunities to watch wildlife around or within 1 mile of your home?



Rates the AGFD in providing opportunities to watch wildlife around or within 1 mile of home as excellent or good	Z-SCORE
Watched wildlife within 1 mile of home in AZ over the past 2 years	6.78***
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	5.26***
Live in Mohave County	3.76***
Arizona native	3.09**
Live in Cochise County	2.85**
Male	2.85**
Caught or harvested nongame animals for personal use in AZ over the past 2 years	2.78**
High school graduate or less	2.66**
Income of \$35,000 - \$49,999	2.15*
18-24 years old	2.12*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
College graduate	-2.3*
65 years old or older	-2.44*
Female	-2.9**
Not Arizona native	-3.12**
Live in Maricopa County	-3.6***

Most likely to rate the AGFD in providing opportunities to watch wildlife around or within 1 mile of home as excellent or good



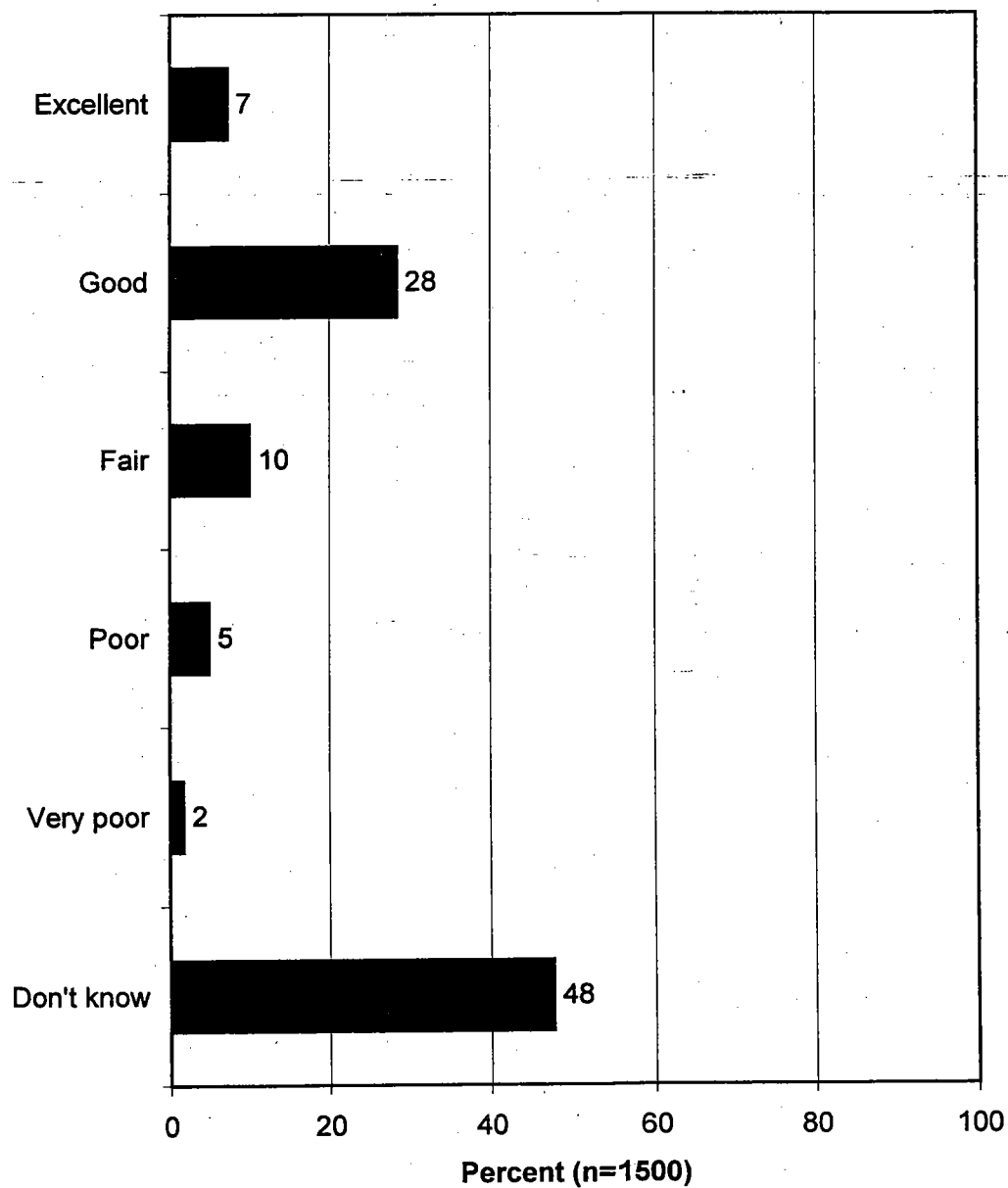
Most likely *not* to rate the AGFD in providing opportunities to watch wildlife around or within 1 mile of home as excellent or good

Rates the AGFD in providing opportunities to watch wildlife around or within 1 mile of home as poor or very poor	Z-SCORE
Arizona native	2.2*
25-34 years old	1.98*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Live in Mohave County	-2.1*
Watched wildlife within 1 mile of home in AZ over the past 2 years	-2.82**

Most likely to rate the AGFD in providing opportunities to watch wildlife around or within 1 mile of home as poor or very poor

Most likely *not* to rate the AGFD in providing opportunities to watch wildlife around or within 1 mile of home as poor or very poor

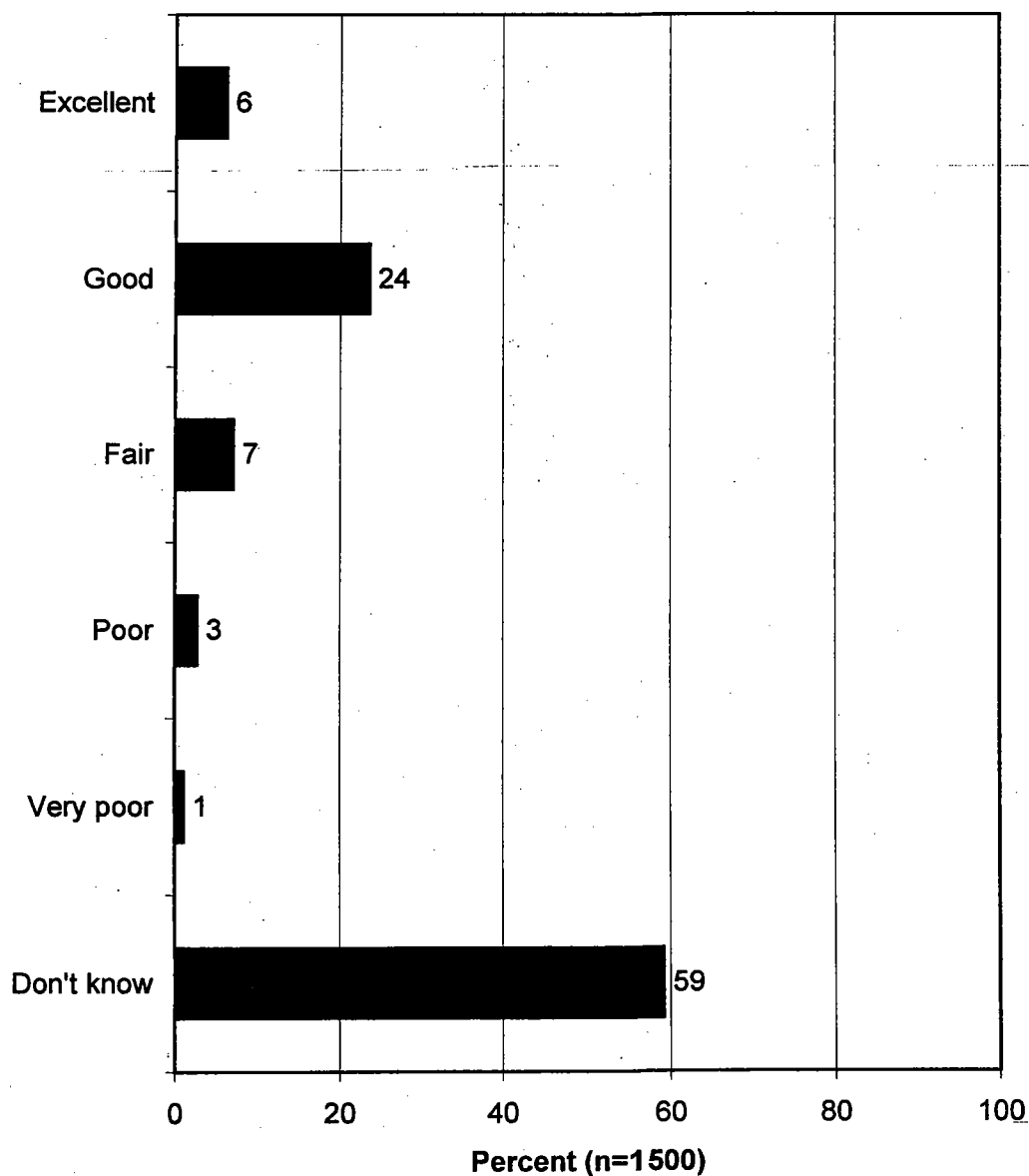
Q268. How would you rate the Arizona Game and Fish Department in providing opportunities to take trips to watch wildlife at least 1 mile from your home?



Rates the AGFD in providing opportunities to take trips to watch wildlife at least 1 mile from home as excellent or good	Z-SCORE	Most likely to rate the AGFD in providing opportunities to take trips to watch wildlife at least 1 mile from home as excellent or good ↑
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	6.65***	
Watched wildlife within 1 mile of home in AZ over the past 2 years	2.8**	
Arizona native	2.46*	
Male	2.4*	
Live in Mohave County	2.26*	
18-24 years old	2.21*	
35-44 years old	2.14*	
Lived in Arizona 21-25 years	2*	
Statistically Significant Variables Omitted		
Live in Maricopa County	-2.08*	Most likely <i>not</i> to rate the AGFD in providing opportunities to take trips to watch wildlife at least 1 mile from home as excellent or good
Not Arizona native	-2.42*	
Female	-2.46*	
65 years old or older	-2.57*	

No statistically significant variables were found for the response rating the AGFD in providing opportunities to take trips to watch wildlife at least 1 mile from home as poor or very poor.

Q269. How would you rate the Arizona Game and Fish Department in providing opportunities for birding, that is, taking to the field for the primary purpose of identifying birds or studying their behavior?



Rates the AGFD in providing opportunities for birding as excellent or good	Z-SCORE
Gone birding in AZ over the past 2 years	4.94***
Watched wildlife within 1 mile of home in AZ over the past 2 years	4.53***
Lived in Arizona over 25 years	2.88**
Live in Santa Cruz County	2.81**
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	2.77**
Arizona native	2.55*
Live in Navajo County	2.46*
Caught or harvested nongame animals for personal use in AZ over the past 2 years	2.1*
Live in Pima County	2.02*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Not Arizona native	-2.26*
Lived in Arizona 5 years or less	-2.45*
Live in Maricopa County	-3.28**

Most likely to rate the AGFD in providing opportunities for birding as excellent or good



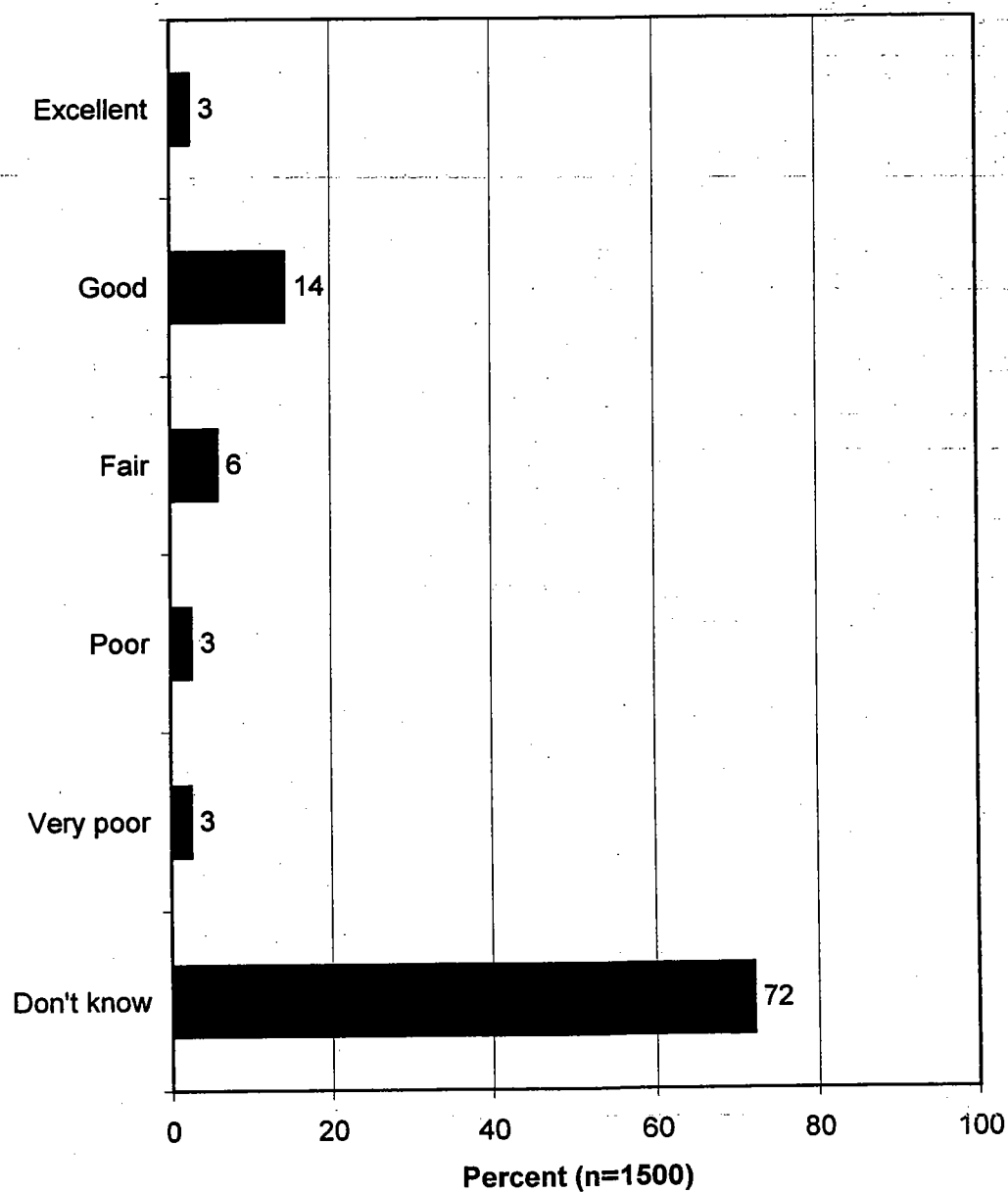
Most likely *not* to rate the AGFD in providing opportunities for birding as excellent or good

Rates the AGFD in providing opportunities for birding as poor or very poor	Z-SCORE
Live in Greenlee County	2.62**
Female	2.34*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Male	-2.3*

Most likely to rate the AGFD in providing opportunities for birding as poor or very poor

Most likely *not* to rate the AGFD in providing opportunities for birding as poor or very poor

Q270. How would you rate the Arizona Game and Fish Department in providing opportunities to catch or harvest nongame animals for personal use?



Rates the AGFD in providing opportunities to catch or harvest nongame animals for personal use as excellent or good	Z-SCORE
18-24 years old	3.85***
Caught or harvested nongame animals for personal use in AZ over the past 2 years	3.63***
Arizona native	3.59***
Male	3.37***
Watched wildlife within 1 mile of home in AZ over the past 2 years	2.43*
Lived in Arizona over 25 years	2.22*
35-44 years old	2.09*
Income of \$35,000 - \$49,999	2.08*
Live in Apache County	2.07*
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	2.05*
Live in Gila County	2.02*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Lived in Arizona 5 years or less	-1.98*
Live in Pima County	-2.67**
65 years old or older	-2.83**
Not Arizona native	-3.41***
Female	-3.42***

Most likely to rate the AGFD in providing opportunities to catch or harvest nongame animals for personal use as excellent or good



Most likely *not* to rate the AGFD in providing opportunities to catch or harvest nongame animals for personal use as excellent or good

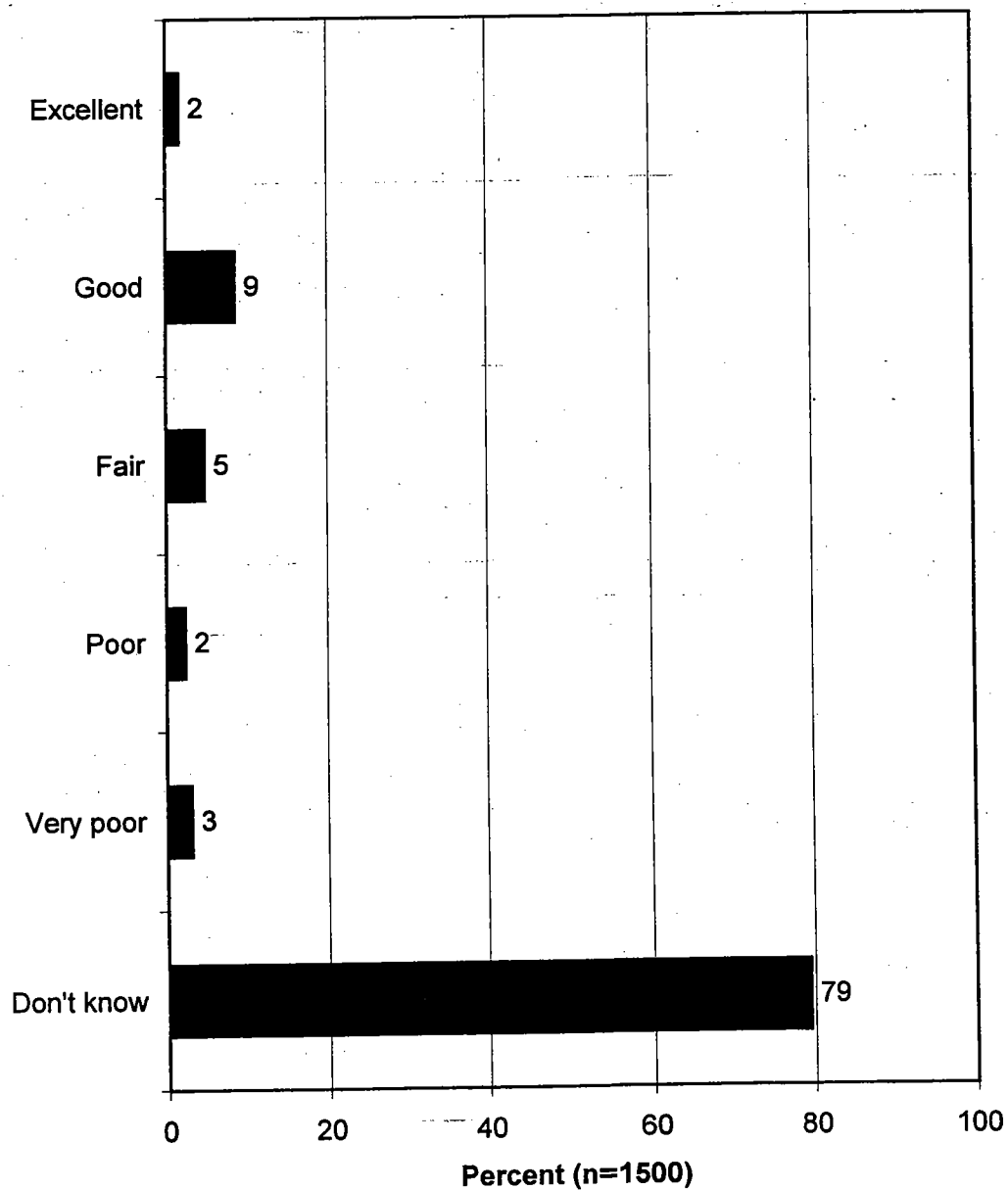
Rates the AGFD in providing opportunities to catch or harvest nongame animals for personal use as poor or very poor	Z-SCORE
Native American	4.36***
High school graduate or less	3.22**
Income of \$15,000 - \$24,999	2.84**
Arizona native	2.79**
Male	2.67**
Live in LaPaz County	2.31*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
College graduate	-2.37*
Not Arizona native	-2.52*
Female	-2.62**

Most likely to rate the AGFD in providing opportunities to catch or harvest nongame animals for personal use as poor or very poor



Most likely *not* to rate the AGFD in providing opportunities to catch or harvest nongame animals for personal use as poor or very poor

Q271. How would you rate the Arizona Game and Fish Department in providing opportunities to catch or harvest nongame animals for commercial or scientific use?



Rates the AGFD in providing opportunities to catch or harvest nongame animals for commercial/scientific use as excellent or good	Z-SCORE
18-24 years old	4.28***
Arizona native	3.36***
Male	3.29**
Hispanic	3.14**
Caught or harvested nongame animals for commercial/scientific use in AZ over the past 2 years	2.95**
Income of \$35,000 - \$49,999	2.41*
Caught or harvested nongame animals for personal use in AZ over the past 2 years	2.05*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Live in Pima County	-2.41*
65 years old or older	-2.43*
Income of \$65,000 or over	-2.64**
Female	-3.22**
Not Arizona native	-3.36***

Most likely to rate the AGFD in providing opportunities to catch or harvest nongame animals for commercial/scientific use as excellent or good



Most likely *not* to rate the AGFD in providing opportunities to catch or harvest nongame animals for commercial/scientific use as excellent or good

Rates the AGFD in providing opportunities to catch or harvest nongame animals for commercial/scientific use as poor or very poor	Z-SCORE
Arizona native	3.55***
Native American	3.51***
High school graduate or less	3.2**
Income of \$15,000 - \$24,999	2.25*
Live in LaPaz County	2.24*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
White	-2*
College graduate	-2.84**
Not Arizona native	-3.28**

Most likely to rate the AGFD in providing opportunities to catch or harvest nongame animals for commercial/scientific use as poor or very poor



Most likely *not* to rate the AGFD in providing opportunities to catch or harvest nongame animals for commercial/scientific use as poor or very poor

Arizonians either know a little to a moderate amount about the AGFD's nongame program or they know nothing at all. The same pattern was found for how Arizonians rate AGFD's nongame efforts and activities. Arizonians either rated the AGFD's nongame efforts and activities favorably or they did not know how to rate the program. It appears that the AGFD enjoys favorable opinions from its constituents, but the fact that many Arizonians lack knowledge of AGFD and its programs could hinder the AGFD from attaining the maximum level of public support for its initiatives.

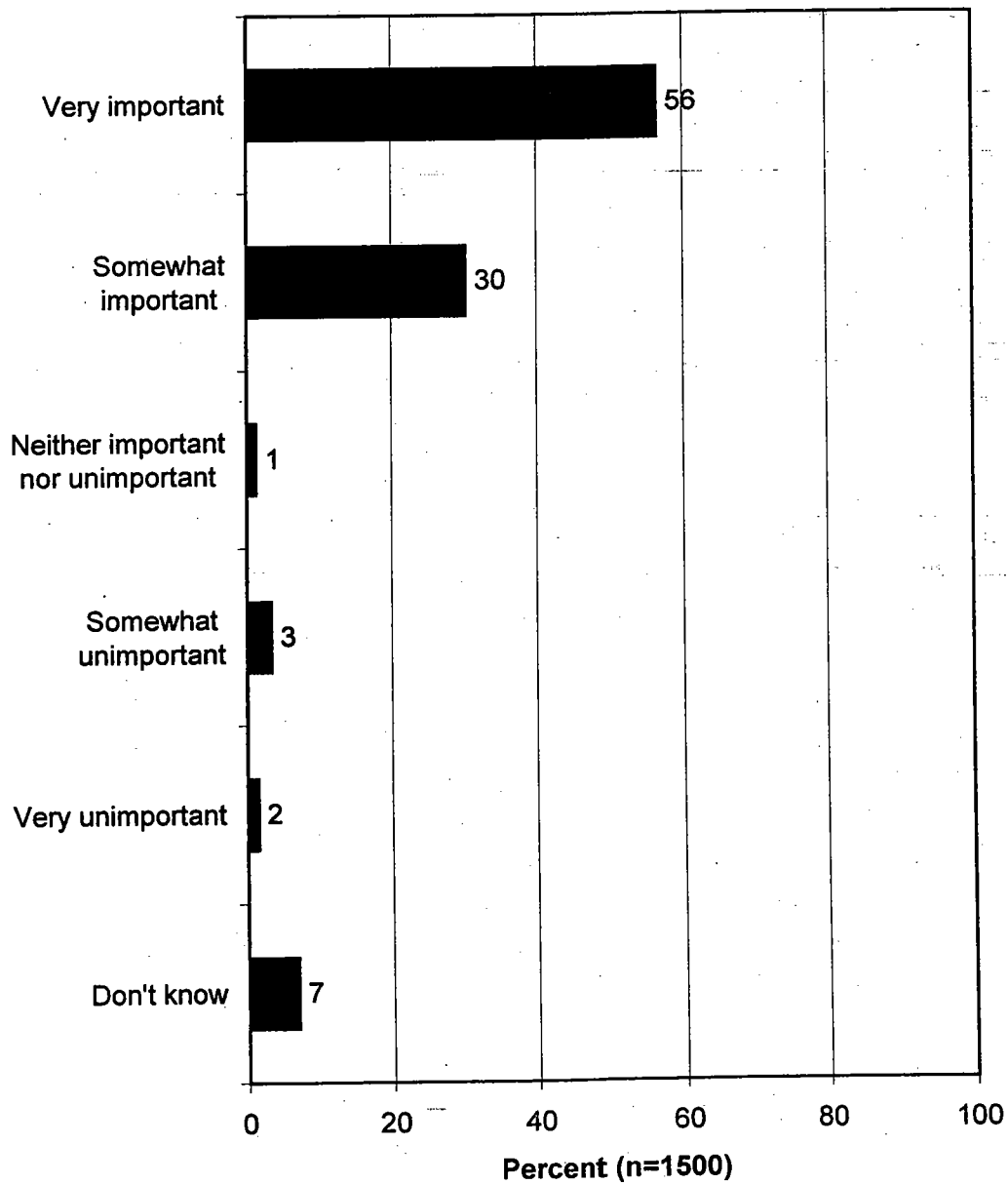
Respondents were asked to rate the importance of ten efforts of the AGFD's nongame program, as shown in the tabulation on the following page. Most efforts were perceived to be important, with the highest-rated efforts being the following: maintaining and enhancing existing endangered wildlife populations (72% rated it very important, 92% rated it very or somewhat important) and providing information to the public about Arizona's nongame program (65% rated it very important, 91% rated it very or somewhat important).

Only three of the ten efforts had less than a majority rating it as important. All the efforts that had less than a majority rating them important pertained to catching and harvesting nongame wildlife, either for scientific, personal, or commercial use. Forty-five percent of respondents said providing opportunities to catch or harvest nongame wildlife for *scientific* use in Arizona is important. A third of respondents said providing opportunities to catch or harvest nongame wildlife for *personal* use in Arizona is important, and a quarter of respondents said providing opportunities to catch or harvest nongame wildlife for *commercial* use in Arizona is important, with this latter effort having a majority (52%) saying it is unimportant. The individual graphs follow the tabulation.

Rating of Importance of AGFD Efforts (ranked by percent rating the effort very or somewhat important)

Effort	Percent Rating It Very Important	Percent Rating It Very or Somewhat Important	Percent Rating It Very Unimportant	Percent Rating It Very or Somewhat Unimportant
Q273. Maintaining and enhancing existing endangered wildlife populations	72	92	1	3
Q281. Providing information to the public about Arizona's nongame program	65	91	1	4
Q276. Providing opportunities to view and enjoy nongame wildlife in Arizona	55	89	2	6
Q272. Maintaining and enhancing existing nongame wildlife populations	56	86	2	5
Q280. Providing information and guidance to landowners and land management agencies about Arizona's nongame program	58	86	2	4
Q275. Restoring endangered wildlife that once existed in Arizona	58	80	4	9
Q274. Restoring nongame wildlife that once existed in Arizona	53	80	4	10
Q279. Providing opportunities to catch or harvest nongame wildlife for scientific use in Arizona	15	45	24	34
Q277. Providing opportunities to catch or harvest nongame wildlife for personal use in Arizona	13	33	32	46
Q278. Providing opportunities to catch or harvest nongame wildlife for commercial use in Arizona	8	25	38	52

Q272. Do you think maintaining and enhancing existing nongame wildlife populations is important or unimportant for the Department?



Thinks maintaining and enhancing existing nongame wildlife populations is very or somewhat important	Z-SCORE
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	2.5*
Live in Pinal County	2.39*
Some college	2.3*
Hispanic	2.02*
Native American	1.98*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Lived in Arizona 6-10 years	-2.21*
Live in Navajo County	-2.22*
Live in Yuma County	-3.18**

Most likely to think maintaining and enhancing existing nongame wildlife populations is very or somewhat important



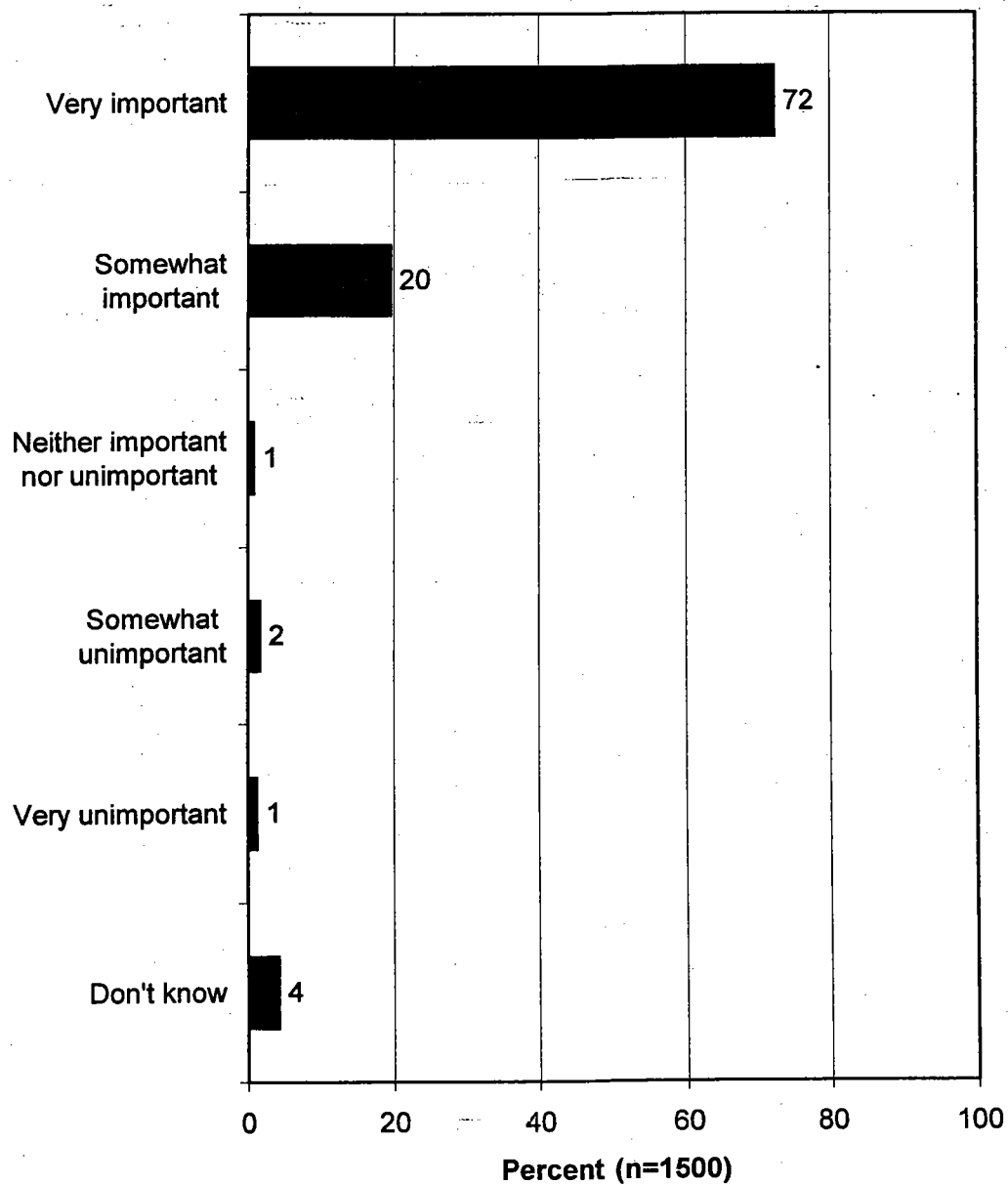
Most likely *not* to think maintaining and enhancing existing nongame wildlife populations is very or somewhat important

Thinks maintaining and enhancing existing nongame wildlife populations is very or somewhat unimportant	Z-SCORE
Live in Navajo County	3.51***
Live in Gila County	2.43*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
35-44 years old	-1.99*
Live in Maricopa County	-2.23*

Most likely to think maintaining and enhancing existing nongame wildlife populations is very or somewhat unimportant

Most likely *not* to think maintaining and enhancing existing nongame wildlife populations is very or somewhat unimportant

Q273. Do you think maintaining and enhancing existing endangered wildlife populations is important or unimportant for the Department?



Thinks maintaining and enhancing existing endangered wildlife populations is very or somewhat important	Z-SCORE
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	3.82***
Income of \$50,000 - \$64,999	2.83**
Live in Maricopa County	2.62**
25-34 years old	2.28*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Live in Pima County	-2.22*
65 years old or older	-3.49***
Live in Yuma County	-5.17***

Most likely to think maintaining and enhancing existing endangered wildlife populations is very or somewhat important

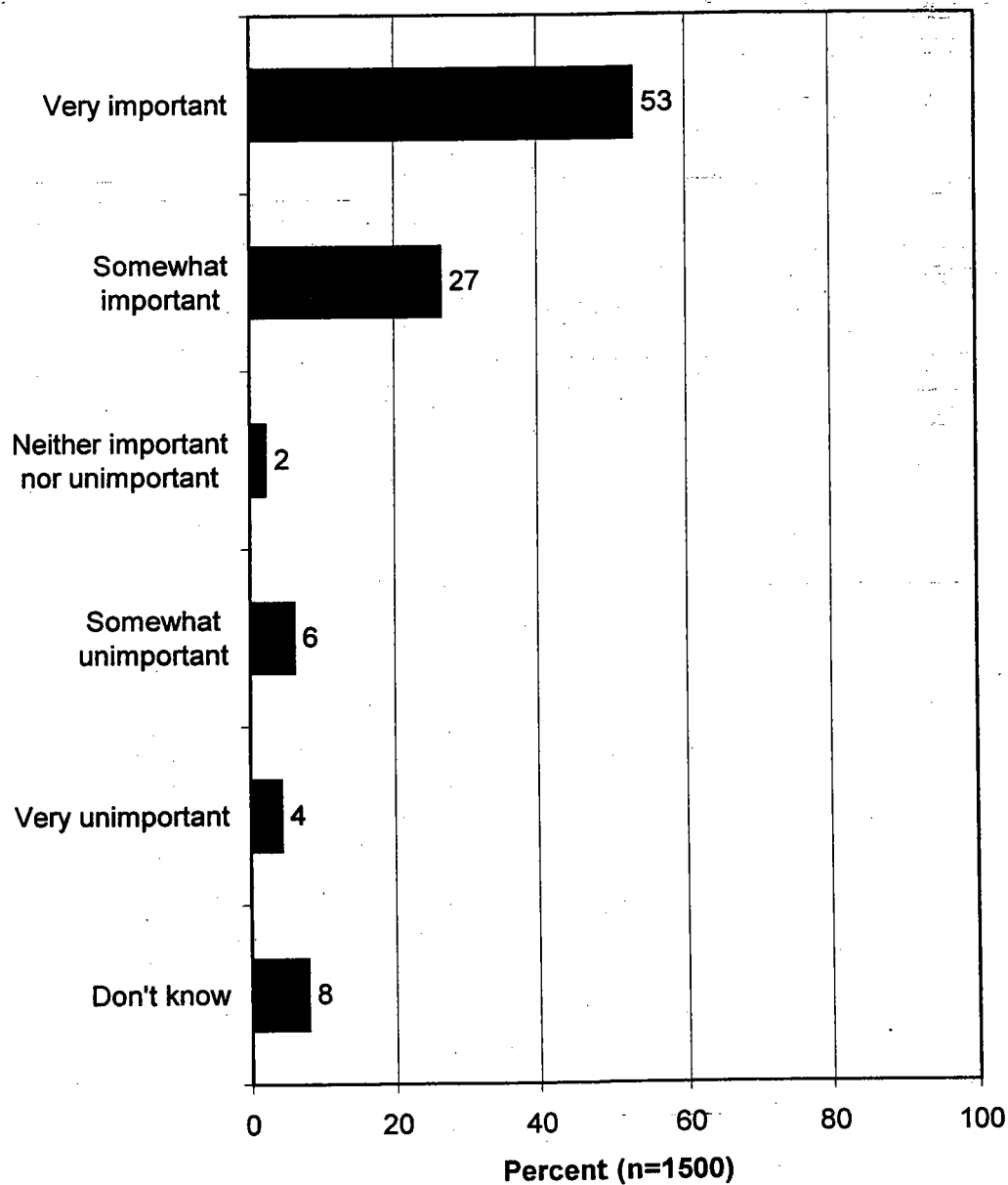
Most likely *not* to think maintaining and enhancing existing endangered wildlife populations is very or somewhat important

Thinks maintaining and enhancing existing endangered wildlife populations is very or somewhat unimportant	Z-SCORE
Live in Greenlee County	3.08**
65 years old or older	2.69**
Live in Navajo County	2.66**
Live in Yuma County	2.35*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Live in Maricopa County	-2.1*
35-44 years old	-2.42*

Most likely to think maintaining and enhancing existing endangered wildlife populations is very or somewhat unimportant

Most likely *not* to think maintaining and enhancing existing endangered wildlife populations is very or somewhat unimportant

Q274. Do you think restoring nongame wildlife that once existed in Arizona is important or unimportant for the Department?



Thinks restoring nongame wildlife that once existed in AZ is very or somewhat important	Z-SCORE
25-34 years old	4.1***
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	4.04***
18-24 years old	3.67***
Watched wildlife within 1 mile of home in AZ over the past 2 years	2.7**
High school graduate or less	2.6**
Live in Maricopa County	2.32*
Arizona native	2.29*
Income of \$50,000 - \$64,999	2.17*
STATISTICAL INSIGNIFICANT VARIABLES OMITTED	
College graduate	-1.96*
65 years old or older	-5.53***

Most likely to think restoring nongame wildlife that once existed in AZ is very or somewhat important



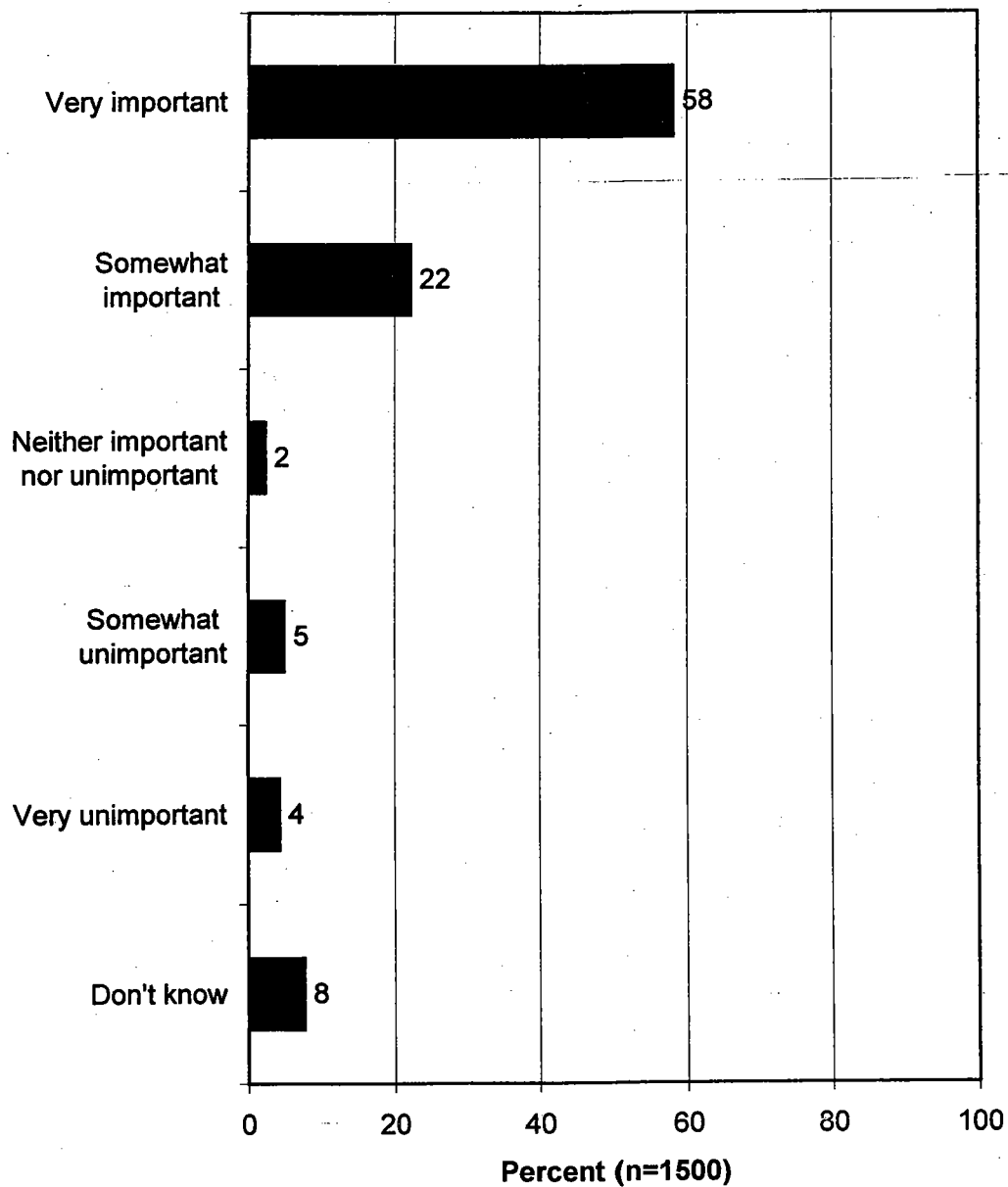
Most likely *not* to think restoring nongame wildlife that once existed in AZ is very or somewhat important

Thinks restoring nongame wildlife that once existed in AZ is very or somewhat unimportant	Z-SCORE
Male	3.54***
Live in Apache County	2.42*
Live in Graham County	2.42*
65 years old or older	2.14*
STATISTICAL INSIGNIFICANT VARIABLES OMITTED	
25-34 years old	-2.42*
Live in Maricopa County	-2.52*
18-24 years old	-3.13**
Female	-3.64***

Most likely to think restoring nongame wildlife that once existed in AZ is very or somewhat unimportant

Most likely *not* to think restoring nongame wildlife that once existed in AZ is very or somewhat unimportant

**Q275. Do you think restoring endangered wildlife
that once existed in Arizona is important or
unimportant for the Department?**



Thinks restoring endangered wildlife that once existed in AZ is very or somewhat important	Z-SCORE
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	3.8***
18-24 years old	3.48***
25-34 years old	3.24**
Live in Maricopa County	2.96**
35-44 years old	2.23*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Caught or harvested nongame animals for commercial/scientific use in AZ over the past 2 years	-2.03*
Live in Yuma County	-2.37*
65 years old or older	-6.75***

Most likely to think restoring endangered wildlife that once existed in AZ is very or somewhat important



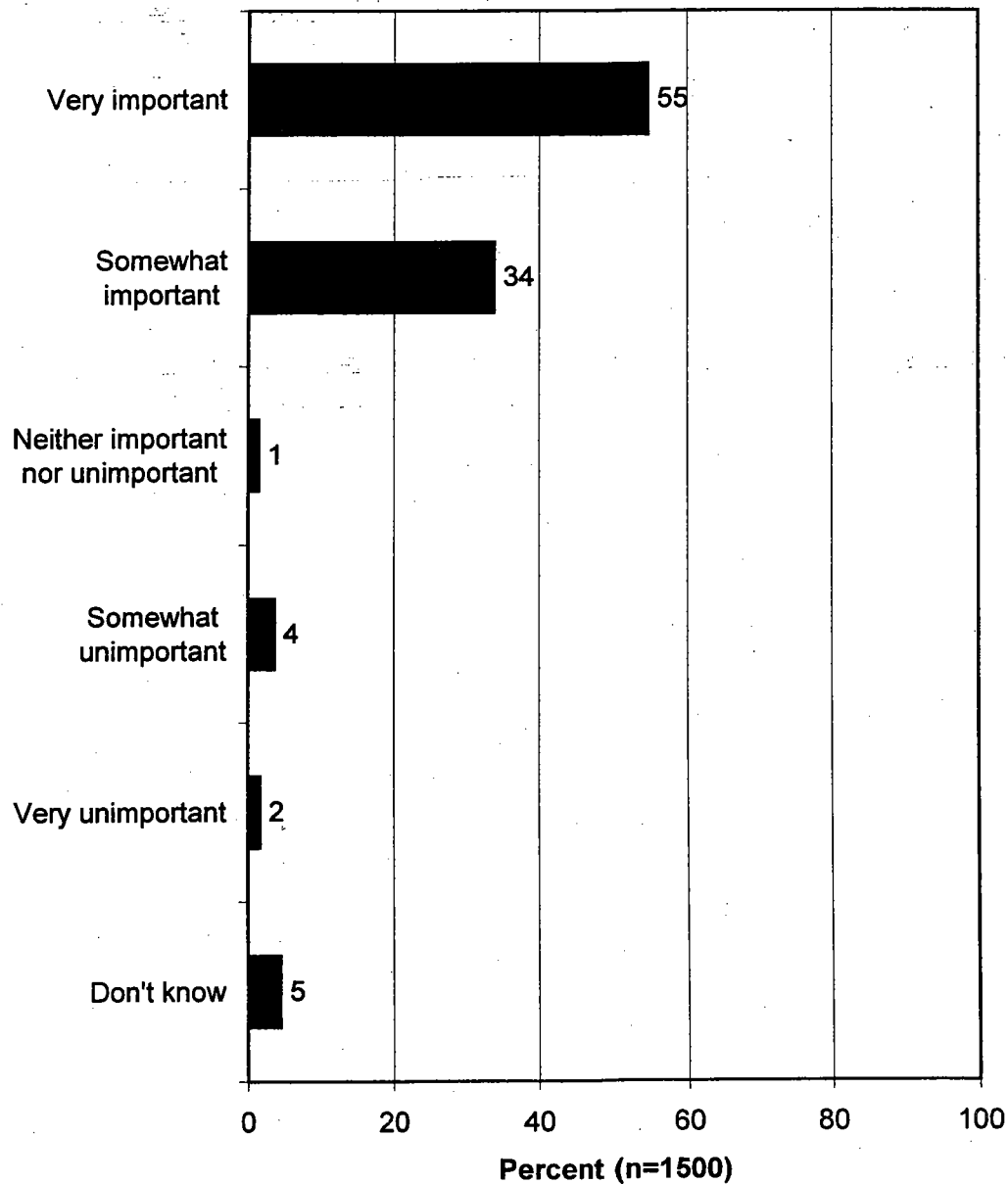
Most likely *not* to think restoring endangered wildlife that once existed in AZ is very or somewhat important

Thinks restoring endangered wildlife that once existed in AZ is very or somewhat unimportant	Z-SCORE
Male	3.18**
65 years old or older	2.55*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
25-34 years old	-2.01*
18-24 years old	-2.56*
Female	-3.29**

Most likely to think restoring endangered wildlife that once existed in AZ is very or somewhat unimportant

Most likely *not* to think restoring endangered wildlife that once existed in AZ is very or somewhat unimportant

Q276. Do you think providing opportunities to view and enjoy nongame wildlife in Arizona is important or unimportant for the Department?



Thinks providing opportunities to view and enjoy nongame wildlife in AZ is very or somewhat important	Z-SCORE
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	3.62***
Arizona native	3.09**
45-54 years old	2.64**
25-34 years old	2.35*
Watched wildlife within 1 mile of home in AZ over the past 2 years	2.3*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Live in Yuma County	-2.3*
Not Arizona native	-2.69**
65 years old or older	-3.83***

Most likely to think providing opportunities to view and enjoy nongame wildlife in AZ is very or somewhat important



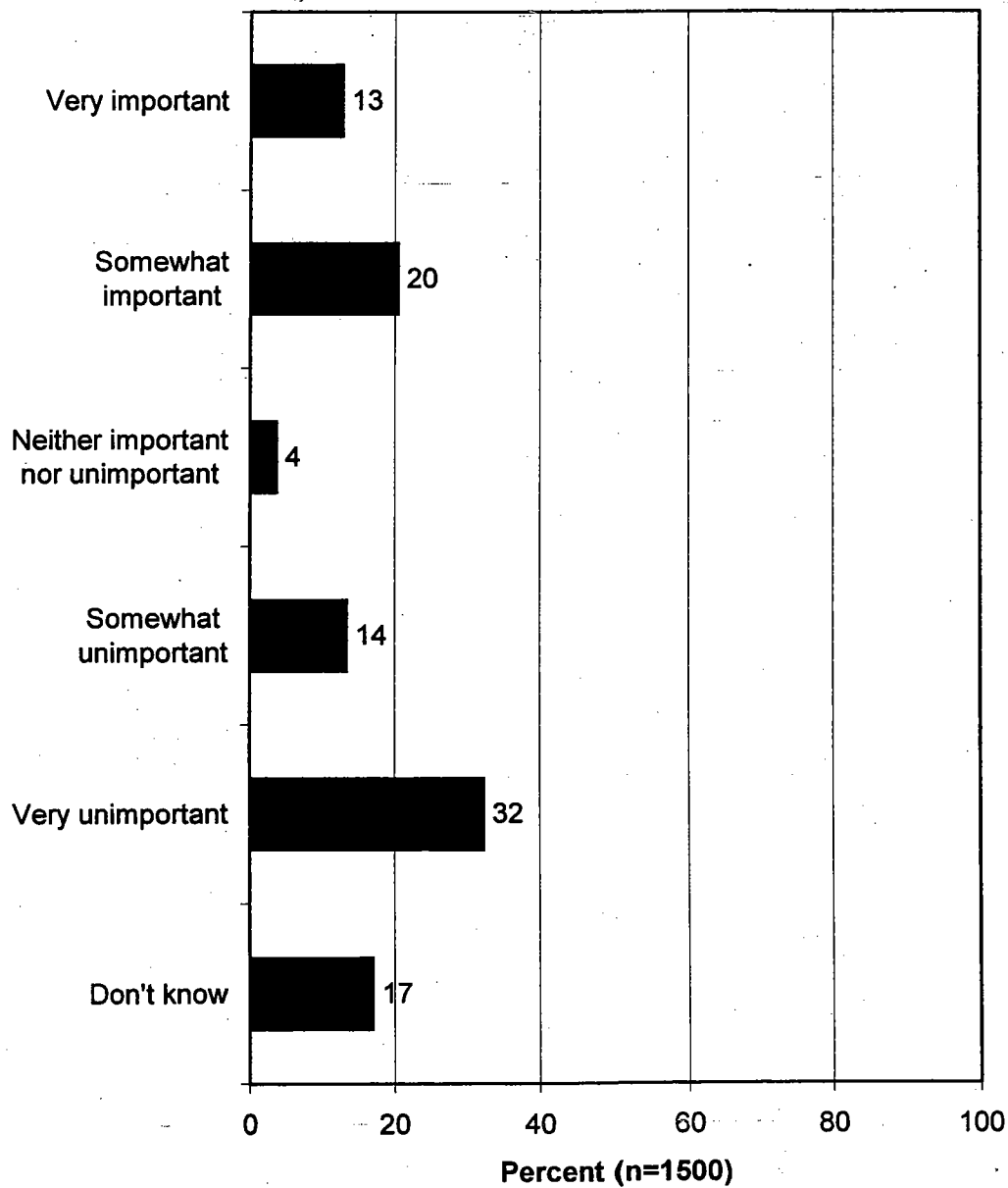
Most likely *not* to think providing opportunities to view and enjoy nongame wildlife in AZ is very or somewhat important

Thinks providing opportunities to view and enjoy nongame wildlife in AZ is very or somewhat unimportant	Z-SCORE
Male	2.63**
Live in Gila County	2.22*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Income of \$15,000 - \$24,999	-2.17*
Watched wildlife within 1 mile of home in AZ over the past 2 years	-2.18*
Female	-2.58**

Most likely to think providing opportunities to view and enjoy nongame wildlife in AZ is very or somewhat unimportant

Most likely *not* to think providing opportunities to view and enjoy nongame wildlife in AZ is very or somewhat unimportant

Q277. Do you think providing opportunities to catch or harvest nongame wildlife for personal use in Arizona is important or unimportant for the Department?



Thinks providing opportunities to catch or harvest nongame wildlife for personal use in AZ is very or somewhat important	Z-SCORE
Male	4.02***
Arizona native	3.61***
Caught or harvested nongame animals for personal use in AZ over the past 2 years	3.14**
Live in Apache County	2.76**
Income of \$35,000 - \$49,999	2.48*
35-44 years old	2.2*
Lived in Arizona over 25 years	2.13*
25-34 years old	2.06*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Live in Pima County	-2*
Lived in Arizona 6-10 years	-2.01*
65 years old or older	-2.62**
Not Arizona native	-3.48***
Female	-3.99***

Most likely to think providing opportunities to catch or harvest nongame wildlife for personal use in AZ is very or somewhat important



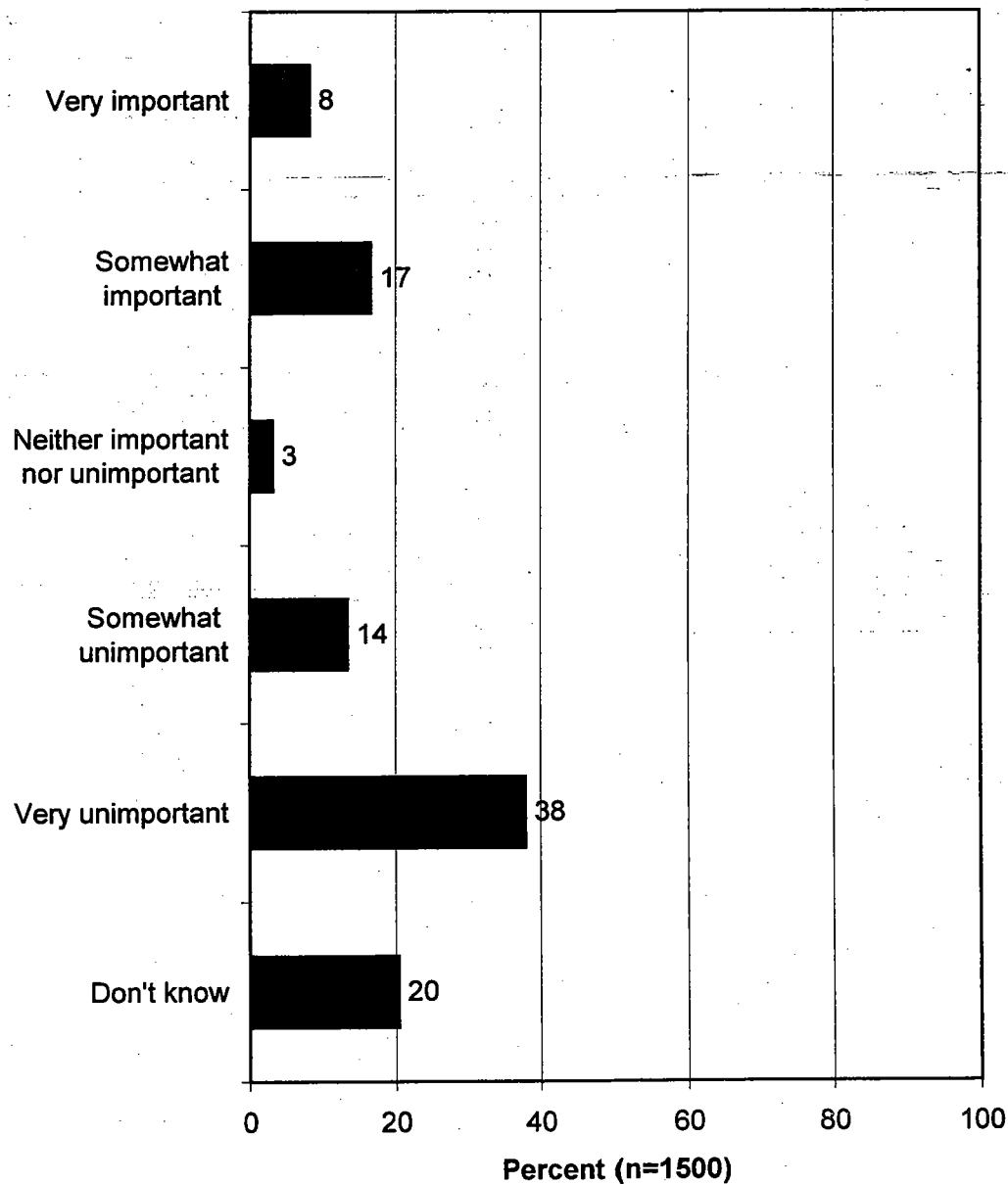
Most likely *not* to think providing opportunities to catch or harvest nongame wildlife for personal use in AZ is very or somewhat important

Thinks providing opportunities to catch or harvest nongame wildlife for personal use in AZ is very or somewhat unimportant	Z-SCORE
Female	2.83**
Not Arizona native	2.74**
White	2.12*
Live in Santa Cruz County	2.03*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Live in Yuma County	-2.02*
Caught or harvested nongame animals for personal use in AZ over the past 2 years	-2.28*
Arizona native	-2.68**
Male	-2.75**

Most likely to think providing opportunities to catch or harvest nongame wildlife for personal use in AZ is very or somewhat unimportant

Most likely *not* to think providing opportunities to catch or harvest nongame wildlife for personal use in AZ is very or somewhat unimportant

Q278. Do you think providing opportunities to catch or harvest nongame wildlife for commercial use in Arizona is important or unimportant for the Department?



Thinks providing opportunities to catch or harvest nongame wildlife for commercial use in AZ is very or somewhat important	Z-SCORE
Arizona native	4.43***
Male	3.25**
25-34 years old	3.08**
35-44 years old	2.53*
Live in Apache County	2.43*
Native American	1.99*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
White	-2.3*
55-64 years old	-2.65**
Female	-3.13**
65 years old or older	-4.36***
Not Arizona native	-4.74***

Most likely to think providing opportunities to catch or harvest nongame wildlife for commercial use in AZ is very or somewhat important



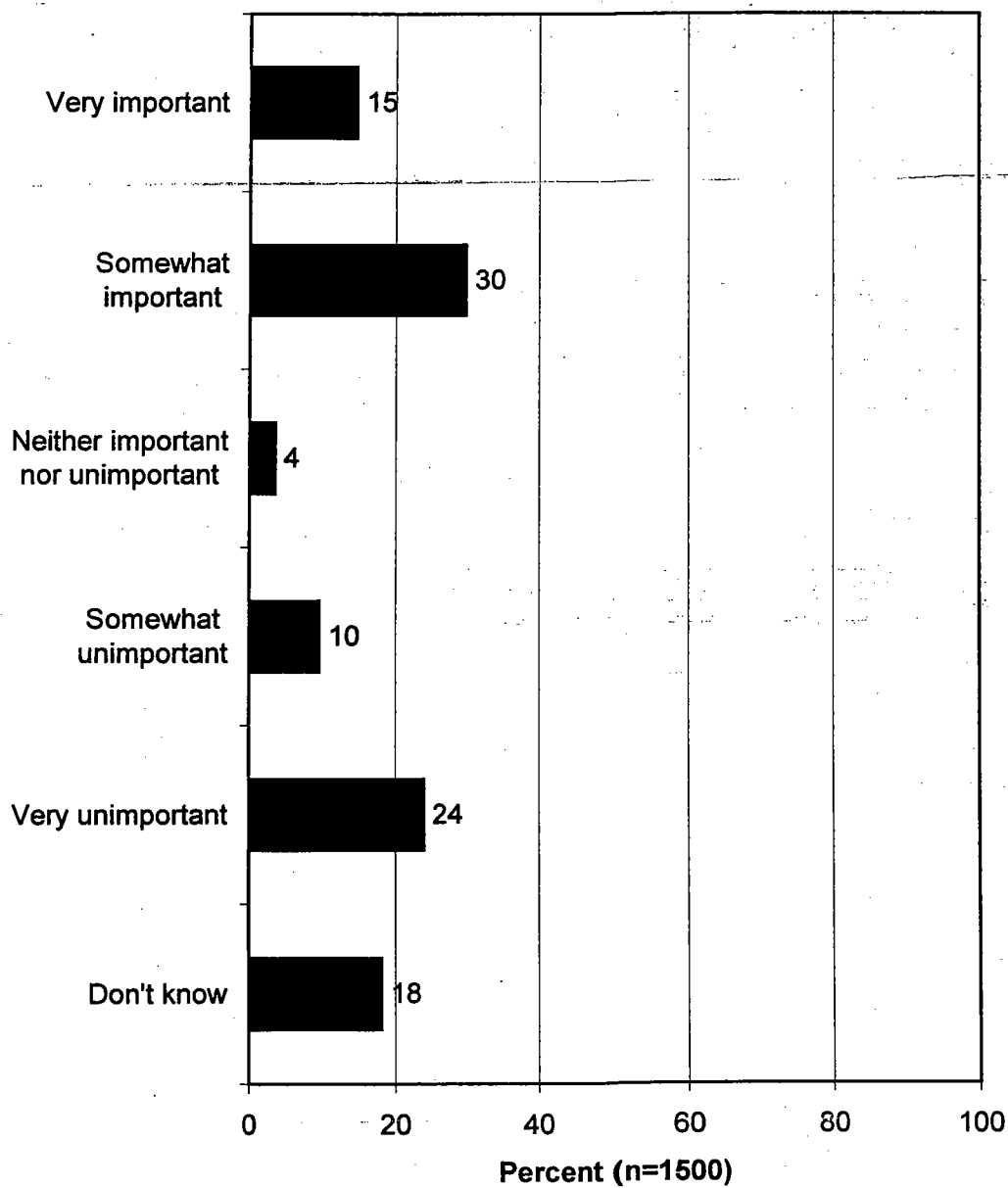
Most likely *not* to think providing opportunities to catch or harvest nongame wildlife for commercial use in AZ is very or somewhat important

Thinks providing opportunities to catch or harvest nongame wildlife for commercial use in AZ is very or somewhat unimportant	Z-SCORE
Not Arizona native	2.98**
White	2.43*
Female	2.21*
Live in Gila County	2.07*
Income of \$50,000 - \$64,999	2.07*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Native American	-1.98*
Live in Apache County	-2.06*
Male	-2.31*
Arizona native	-2.47*

Most likely to think providing opportunities to catch or harvest nongame wildlife for commercial use in AZ is very or somewhat unimportant

Most likely *not* to think providing opportunities to catch or harvest nongame wildlife for commercial use in AZ is very or somewhat unimportant

Q279. Do you think providing opportunities to catch or harvest nongame wildlife for scientific use in Arizona is important or unimportant for the Department?



Thinks providing opportunities to catch or harvest nongame wildlife for scientific use in AZ is very or somewhat important	Z-SCORE
Male	3.12**
45-54 years old	2.56*
College graduate	2.19*
25-34 years old	2.06*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
55-64 years old	-2.4*
Income under \$15,000	-2.45*
Female	-2.93**

Most likely to think providing opportunities to catch or harvest nongame wildlife for scientific use in AZ is very or somewhat important

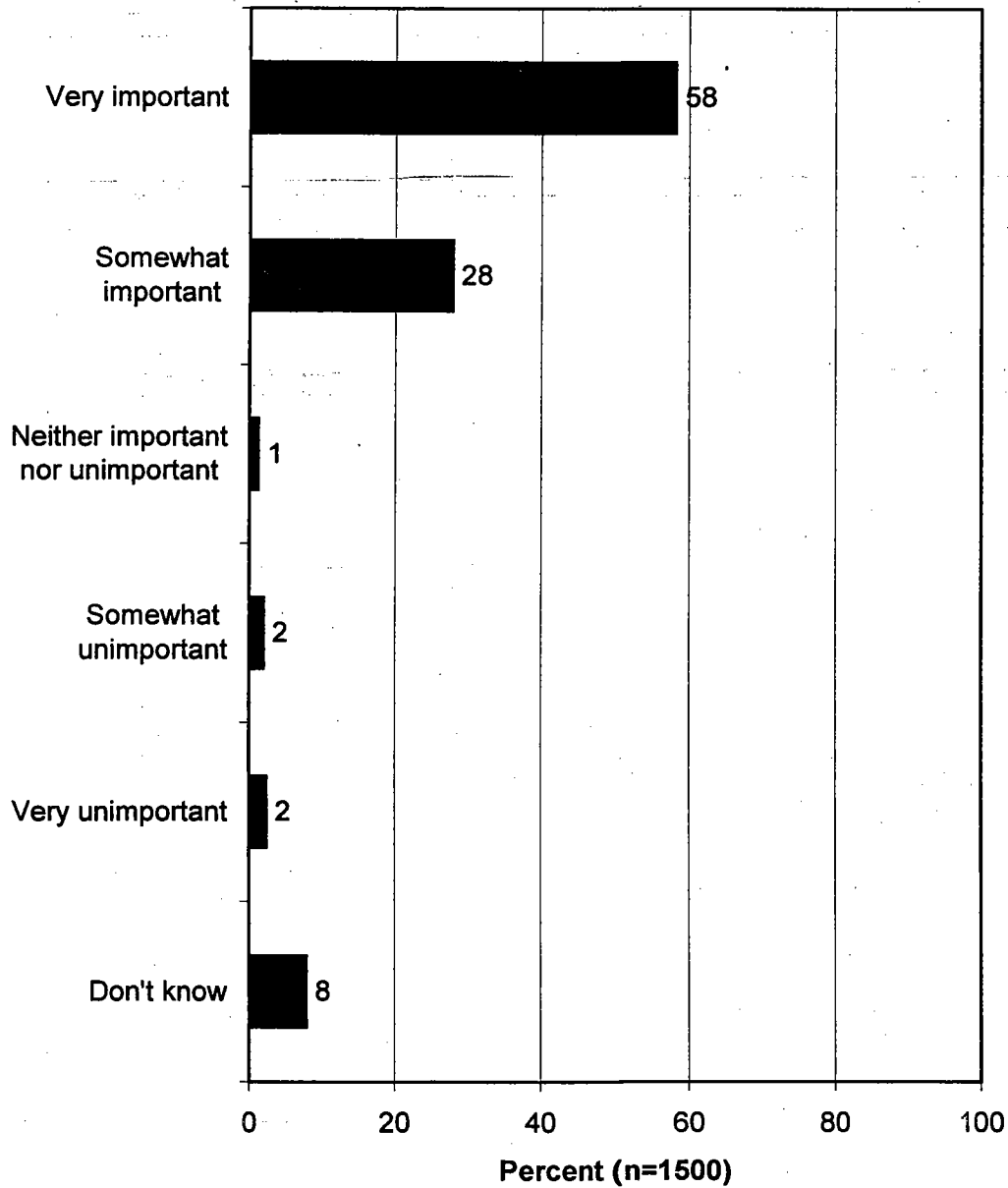
Most likely *not* to think providing opportunities to catch or harvest nongame wildlife for scientific use in AZ is very or somewhat important

Thinks providing opportunities to catch or harvest nongame wildlife for scientific use in AZ is very or somewhat unimportant	Z-SCORE
Female	3.34***
High school graduate or less	2.44*
55-64 years old	2.34*
Live in Mohave County	2.14*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Live in Cochise County	-2.15*
Male	-3.52***

Most likely to think providing opportunities to catch or harvest nongame wildlife for scientific use in AZ is very or somewhat unimportant

Most likely *not* to think providing opportunities to catch or harvest nongame wildlife for scientific use in AZ is very or somewhat unimportant

Q280. Do you think providing information and guidance to landowners and land management agencies about Arizona's nongame program is important or unimportant for the Department?



Thinks providing information and guidance to landowners and land management agencies about AZ's nongame program is very or somewhat important	Z-SCORE
Income of \$65,000 or over	4.08***
Watched wildlife within 1 mile of home in AZ over the past 2 years	3.97***
45-54 years old	3.83***
35-44 years old	2.44*
Live in Navajo County	2.02*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Live in Yuma County	-2.54*
65 years old or older	-4.04***

Most likely to think providing information and guidance to landowners and land management agencies about AZ's nongame program is very or somewhat important

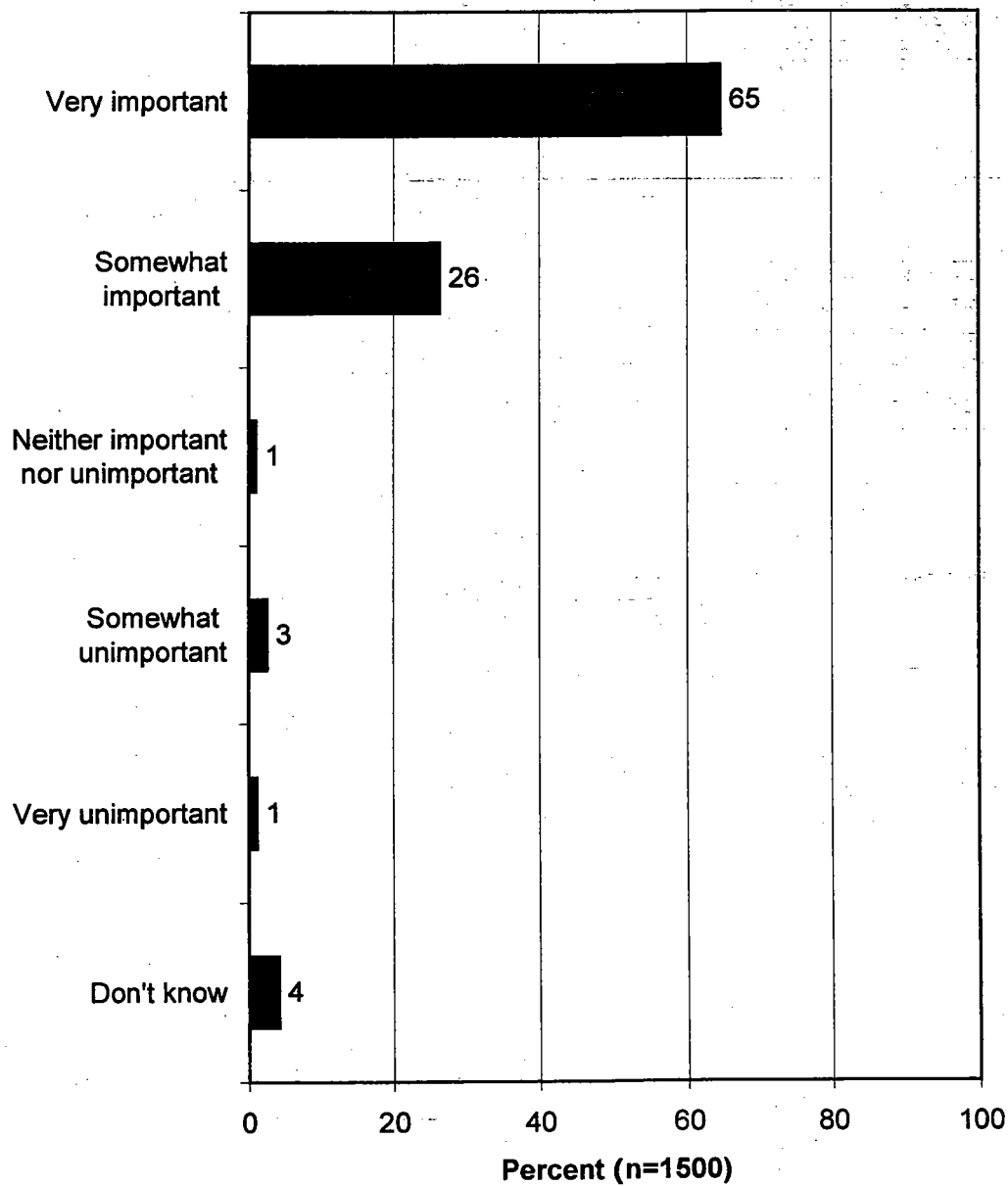
Most likely *not* to think providing information and guidance to landowners and land management agencies about AZ's nongame program is very or somewhat important

Thinks providing information and guidance to landowners and land management agencies about AZ's nongame program is very or somewhat unimportant	Z-SCORE
Live in Graham County	3.23**
Lived in Arizona 6-10 years	2.78**
65 years old or older	2.11*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Watched wildlife within 1 mile of home in AZ over the past 2 years	-2.4*

Most likely to think providing information and guidance to landowners and land management agencies about AZ's nongame program is very or somewhat unimportant

Most likely *not* to think providing information and guidance to landowners and land management agencies about AZ's nongame program is very or somewhat unimportant

Q281. Do you think providing information to the public about Arizona's nongame program is important or unimportant for the Department?



Thinks providing information to the public about AZ's nongame program is very or somewhat important	Z-SCORE
45-54 years old	3.86***
Some college	3**
Income of \$65,000 or over	2.74**
35-44 years old	2.72**
Watched wildlife within 1 mile of home in AZ over the past 2 years	2.58**
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	2.5*
Income of \$50,000 - \$64,999	1.98*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Live in Yuma County	-3.12**
65 years old or older	-4.33***

Most likely to think providing information to the public about AZ's nongame program is very or somewhat important



Most likely *not* to think providing information to the public about AZ's nongame program is very or somewhat important

Thinks providing information to the public about AZ's nongame program is very or somewhat unimportant	Z-SCORE
Live in Gila County	3**
High school graduate or less	2.26*
Live in Graham County	2.19*
65 years old or older	2.15*
Male	1.97*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
35-44 years old	-2.22*
45-54 years old	-2.41*
Watched wildlife within 1 mile of home in AZ over the past 2 years	-2.76**

Most likely to think providing information to the public about AZ's nongame program is very or somewhat unimportant

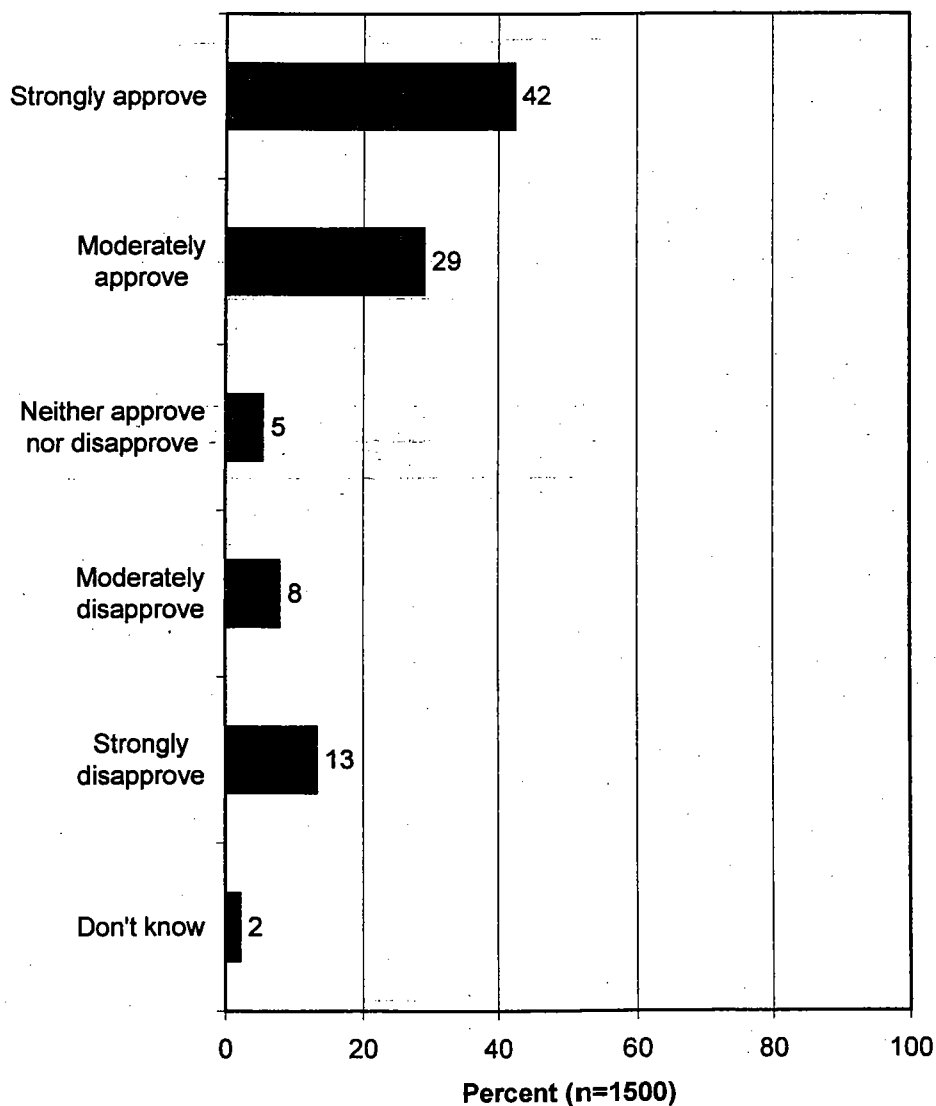


Most likely *not* to think providing information to the public about AZ's nongame program is very or somewhat unimportant

SUPPORT/OPPOSITION TO HUNTING AND FISHING

The survey found that majorities of respondents support legal hunting and fishing, with especially strong support for legal fishing. Seventy-one percent of respondents approved of legal hunting, and 93% approved of legal, recreational fishing.

Q283. In general, do you approve or disapprove of legal hunting?



Strongly or moderately approve of legal hunting	Z-SCORE
Male	9.49***
Lived in Arizona over 25 years	4.22***
White	3.51***
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	3.24**
Some college	2.88**
Watched wildlife within 1 mile of home in AZ over the past 2 years	2.34*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Lived in Arizona 5 years or less	-2.29*
Lived in Arizona 6-10 years	-2.56*
African-American	-2.68**
18-24 years old	-3.35***
Female	-9.28***

Most likely to say strongly or moderately approve of legal hunting



Most likely *not* to say strongly or moderately approve of legal hunting

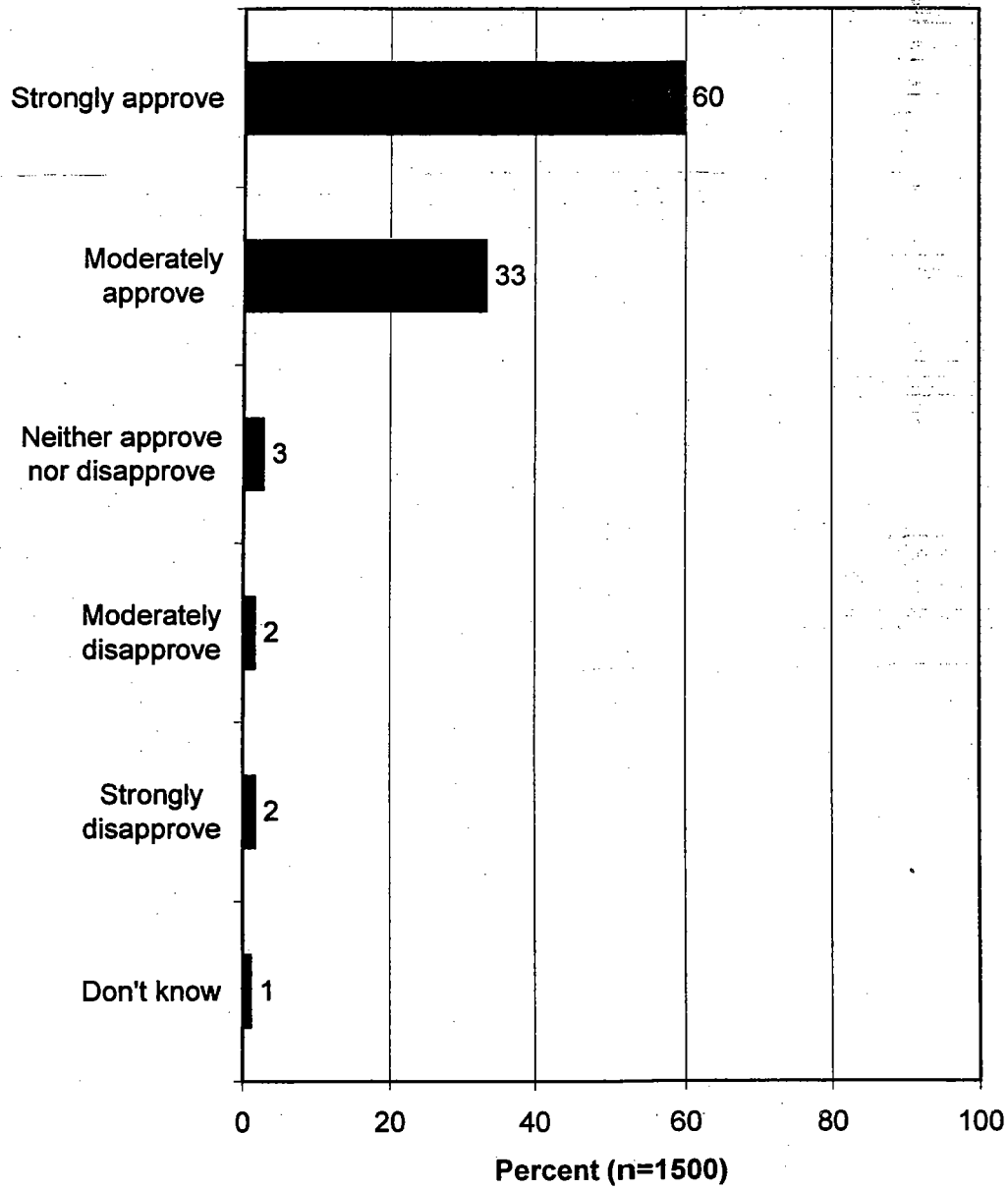
Strongly or moderately disapprove of legal hunting	Z-SCORE
Female	8.54***
18-24 years old	4.58***
African-American	2.99**
Lived in Arizona 6-10 years	2.87**
Lived in Arizona 5 years or less	2.04*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Live in Mohave County	-2.13*
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	-2.47*
Watched wildlife within 1 mile of home in AZ over the past 2 years	-2.91**
Some college	-3.09**
Lived in Arizona over 25 years	-3.79***
Male	-8.82***

Most likely to say strongly or moderately disapprove of legal hunting



Most likely *not* to say strongly or moderately disapprove of legal hunting

**Q284. In general, do you approve or disapprove of
legal, recreational fishing?**



Strongly or moderately approve of legal recreational fishing	Z-SCORE
Male	3.17**
Lived in Arizona over 25 years	2.69**
White	2.54*
Income of \$65,000 or over	2.4*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Lived in Arizona 5 years or less	-3.08**
Female	-3.22**
Income under \$15,000	-3.26**
18-24 years old	-3.44***

Most likely to say strongly or moderately approve of legal recreational fishing

Most likely *not* to say strongly or moderately approve of legal recreational fishing

Strongly or moderately disapprove of legal recreational fishing	Z-SCORE
18-24 years old	3.47***
Income of \$15,000 - \$24,999	2.48*
Income under \$15,000	2.48*
Lived in Arizona 6-10 years	2.43*
Female	2.36*
Live in Gila County	1.98*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Male	-2.32*

Most likely to say strongly or moderately disapprove of legal recreational fishing

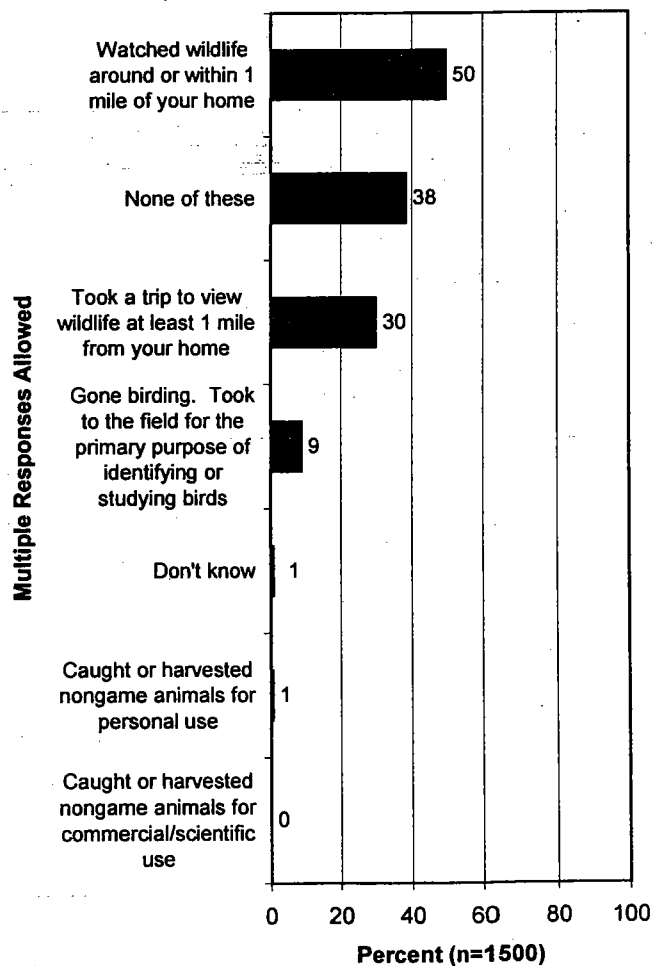
Most likely *not* to say strongly or moderately disapprove of legal recreational fishing



PARTICIPATION IN NONGAME-RELATED OUTDOOR ACTIVITIES

Half of respondents (50%) had watched wildlife around or within 1 mile of their home over the past 2 years in Arizona. The next most popular activity was watching wildlife at least 1 mile from home (30%). Low percentages went birding (9%) or caught or harvested nongame animals for personal use (1%).

Q6. I'm going to read a list of outdoor activities, and I'd like to know if you have participated in each one over the past 2 years in Arizona. Have you...?



Watched wildlife within 1 mile of home in AZ over the past 2 years	Z-SCORE
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	8.64***
Gone birding in AZ over the past 2 years	5.76***
White	4.04***
Income of \$65,000 or over	3.1**
Live in Yavapai County	2.88**
Live in Mohave County	2.64**
Live in Pima County	2.59**
45-54 years old	2.31*
55-64 years old	2.01*
STATISTICALY INSIGNIFICANT VARIABLES OMITTED	
Arizona native	-1.98*
25-34 years old	-2.06*
High school graduate or less	-2.16*
Hispanic	-2.7**
18-24 years old	-3.51***
Live in Maricopa County	-5.36***

Most likely to say watched wildlife within 1 mile of home in AZ over the past 2 years



Most likely *not* to say watched wildlife within 1 mile of home in AZ over the past 2 years

Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	Z-SCORE
Watched wildlife within 1 mile of home in AZ over the past 2 years	8.64***
Gone birding in AZ over the past 2 years	8.46***
College graduate	3.99***
Income of \$65,000 or over	3.98***
Lived in Arizona 16-20 years	3.01**
45-54 years old	2.94**
Male	2.89**
Live in Coconino County	2.52*
35-44 years old	2.42*
STATISTICALY INSIGNIFICANT VARIABLES OMITTED	
Income under \$15,000	-1.99*
Female	-2.87**
High school graduate or less	-4.02***
65 years old or older	-6.21***

Most likely to have taken a trip to view wildlife at least 1 mile from home in AZ over the past 2 years

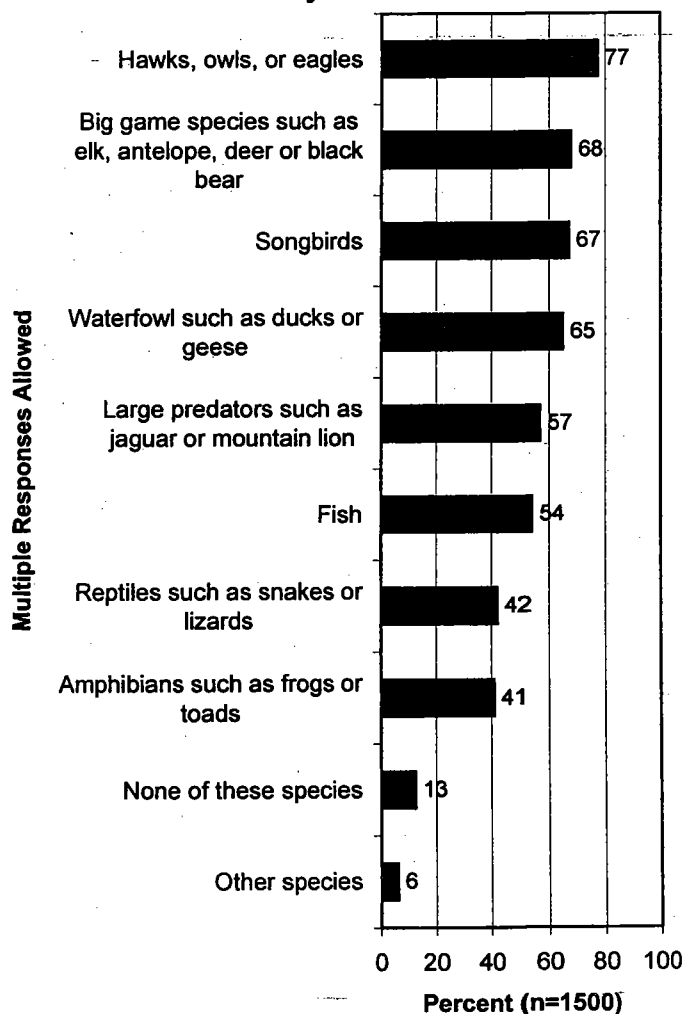


Most likely *not* to have taken a trip to view wildlife at least 1 mile from home in AZ over the past 2 years

Gone birding in AZ over the past 2 years	Z-SCORE	Most likely to have gone birding in AZ over the past 2 years ↑
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	8.46***	
Watched wildlife within 1 mile of home in AZ over the past 2 years	5.76***	
Live in Graham County	2.81**	
Live in Pima County	2.67**	
Live in Yavapai County	2.04*	Most likely <i>not</i> to have gone birding in AZ over the past 2 years
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED		
Income of \$25,000 - \$34,999	-2.08*	
Live in Yuma County	-2.12*	
Live in Maricopa County	-2.76**	

Respondents were asked to name the categories of animals that they would be interested in viewing in Arizona in the next 2 years. Over two-thirds of respondents reported they would be interested in viewing birds of prey (77%) in the next 2 years. Other popular categories of animals were big game (68%), songbirds (67%), and waterfowl (65%). Less than a majority of respondents were interested in viewing reptiles (42%) and amphibians (41%).

Q249. I am going to read a few species of animals, and I'd like to know if you would be interested in viewing each one in Arizona in the next 2 years. Would you be interested in viewing...?



Interested in viewing hawks, owls, or eagles in AZ in the next 2 years	Z-SCORE
Watched wildlife within 1 mile of home in AZ over the past 2 years	9.13***
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	8.96***
Gone birding in AZ over the past 2 years	4.54***
Income of \$65,000 or over	3.49***
College graduate	3.12**
45-54 years old	2.57*
35-44 years old	2.49*
White	2.35*
Live in Pima County	2.25*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Hispanic	-2.01*
Live in Maricopa County	-2.46*
Income under \$15,000	-2.52*
65 years old or older	-4.25***

Most likely to say
interested in viewing
hawks, owls, or eagles in
AZ in the next 2 years



Most likely *not* to say
interested in viewing
hawks, owls, or eagles in
AZ in the next 2 years

Interested in viewing big game species in AZ in the next 2 years	Z-SCORE
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	11.5***
Watched wildlife within 1 mile of home in AZ over the past 2 years	6.94***
Male	4.31***
Gone birding in AZ over the past 2 years	3.98***
Income of \$65,000 or over	2.9**
25-34 years old	2.75**
45-54 years old	2.62**
35-44 years old	2.34*
Live in Yavapai County	2.3*
Caught or harvested nongame animals for personal use in AZ over the past 2 years	2.18*
Live in Navajo County	2.17*
Live in Coconino County	2.1*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Live in Maricopa County	-2.2*
Live in LaPaz County	-2.23*
Female	-4.34***
65 years old or older	-5.76***

Most likely to say
interested in viewing big
game species in AZ in the
next 2 years



Most likely *not* to say
interested in viewing big
game species in AZ in the
next 2 years

Interested in viewing songbirds in AZ in the next 2 years	Z-SCORE
Watched wildlife within 1 mile of home in AZ over the past 2 years	12.12***
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	6.91***
Gone birding in AZ over the past 2 years	6.48***
Female	4.25***
55-64 years old	3.05**
Live in Pima County	2.25*
Not Arizona native	2.03*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
25-34 years old	-3.01**
18-24 years old	-3.3**
Live in Maricopa County	-3.97***
Male	-4.4***

Most likely to say
interested in viewing
songbirds in AZ in the next
2 years



Most likely *not* to say
interested in viewing
songbirds in AZ in the next
2 years

Interested in viewing waterfowl in AZ in the next 2 years	Z-SCORE
Watched wildlife within 1 mile of home in AZ over the past 2 years	10.51***
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	9***
Gone birding in AZ over the past 2 years	5.2***
55-64 years old	3.16**
45-54 years old	2.93**
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Live in Yuma County	-1.98*
18-24 years old	-2.55*
Live in Maricopa County	-3.15**

Most likely to say
interested in viewing
waterfowl in AZ in the next
2 years



Most likely *not* to say
interested in viewing
waterfowl in AZ in the next
2 years

Interested in viewing large predators in AZ in the next 2 years	Z-SCORE
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	11.07***
Male	7.12***
Watched wildlife within 1 mile of home in AZ over the past 2 years	5.68***
Gone birding in AZ over the past 2 years	4.25***
Live in Yavapai County	3.37***
College graduate	2.76**
Live in Pima County	2.69**
25-34 years old	2.62**
35-44 years old	2.24*
Income of \$65,000 or over	2.2*
Income of \$50,000 - \$64,999	2.16*
Live in Coconino County	2.02*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Hispanic	-2.15*
Income under \$15,000	-2.16*
Live in Maricopa County	-2.52*
65 years old or older	-6.43***
Female	-7.09***

Most likely to say
interested in viewing large
predators in AZ in the next
2 years



Most likely *not* to say
interested in viewing large
predators in AZ in the next
2 years



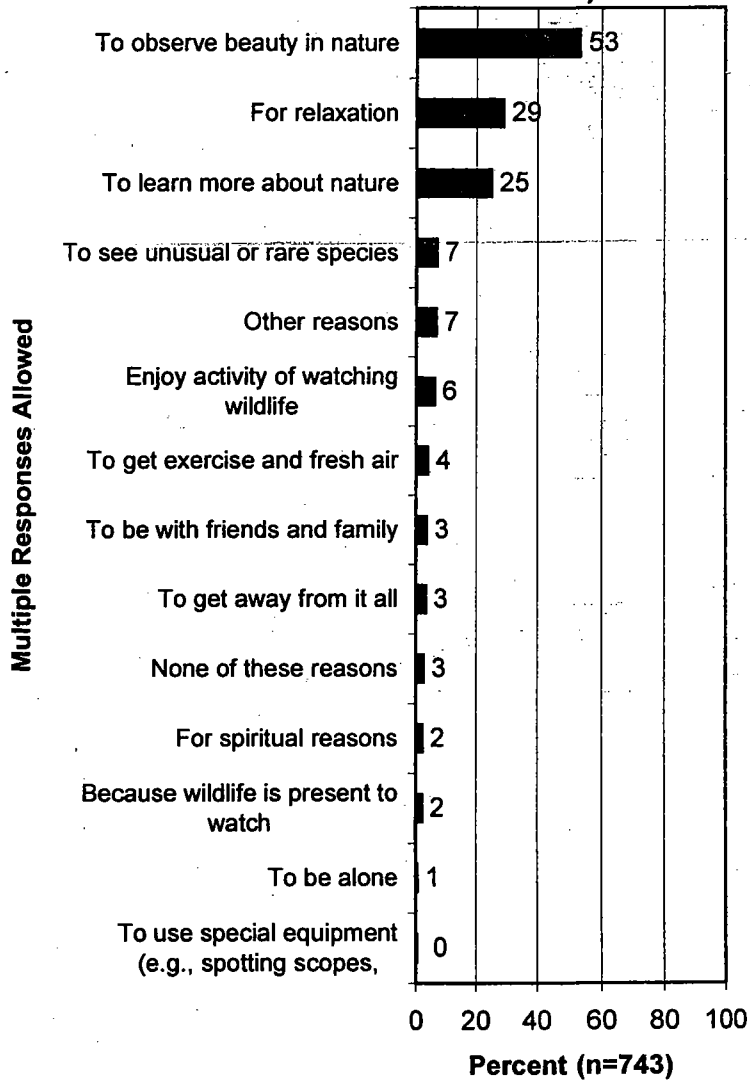
Interested in viewing fish in AZ in the next 2 years	Z-SCORE
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	8.16***
Watched wildlife within 1 mile of home in AZ over the past 2 years	5.36***
Gone birding in AZ over the past 2 years	4.19***
Live in Pima County	2.37*
Arizona native	2.34*
Caught or harvested nongame animals for personal use in AZ over the past 2 years	2.3*
45-54 years old	2.17*
Male	2.01*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Female	-2.2*
Live in Maricopa County	-2.21*
65 years old or older	-3.17**

Most likely to say
interested in viewing fish
in AZ in the next 2 years



Most likely *not* to say
interested in viewing fish
in AZ in the next 2 years

Q40. What are the most important reasons why you watched wildlife around or within 1 mile of your home in the past 2 years in Arizona? (Asked of those who watched wildlife within 1 mile of their home.)



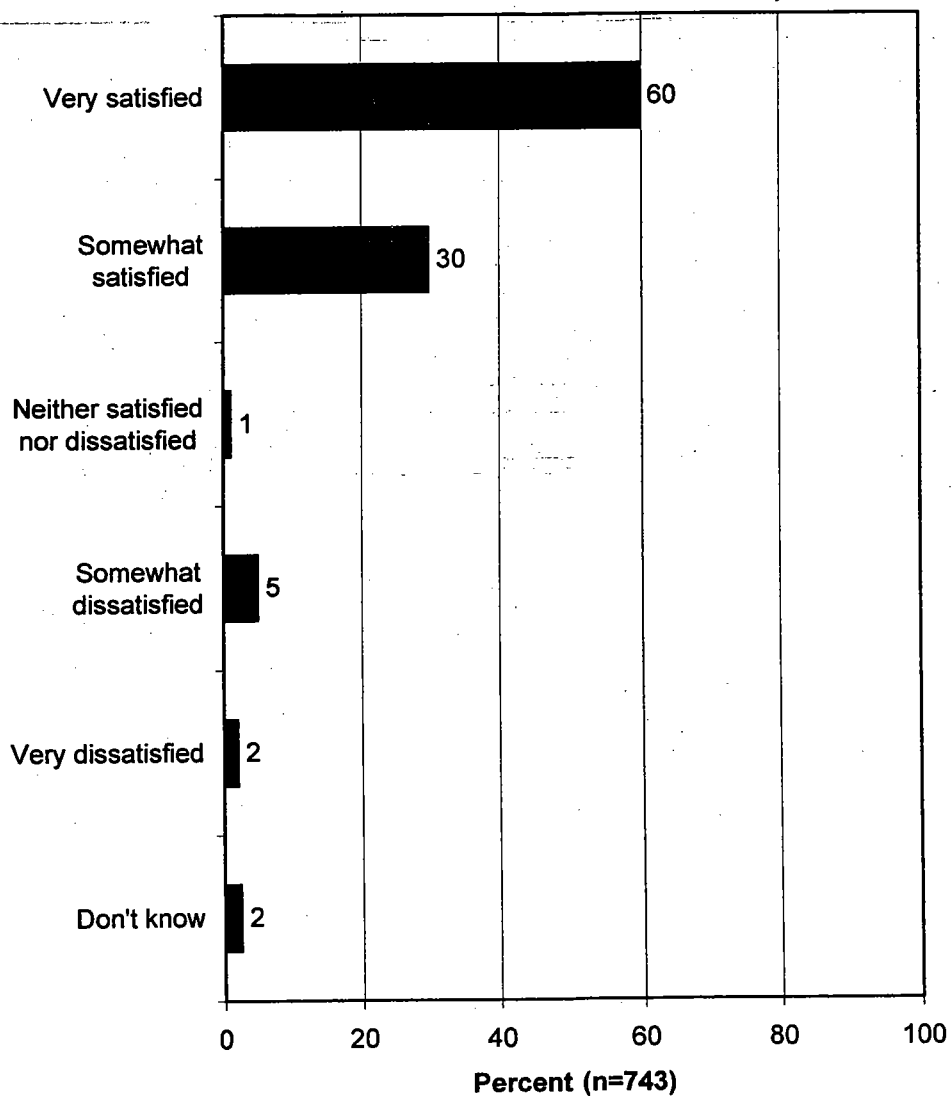
Watched wildlife around or within 1 mile of home in the past 2 years to observe beauty in nature	Z-SCORE	Most likely to say watched wildlife around or within 1 mile of home in the past 2 years to observe beauty in nature
65 years old or older	3.64***	
Female	2.35*	
High school graduate or less	2.06*	
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED		Most likely <i>not</i> to say watched wildlife around or within 1 mile of home in the past 2 years to observe beauty in nature
Income of \$50,000 - \$64,999	-2.06*	
Live in Maricopa County	-2.26*	
Male	-2.27*	
25-34 years old	-3.98***	

Watched wildlife around or within 1 mile of home in the past 2 years for relaxation	Z-SCORE	Most likely <i>not</i> to say watched wildlife around or within 1 mile of home in the past 2 years for relaxation
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED		
Live in Yavapai County	-2.19*	
High school graduate or less	-2.47*	

Watched wildlife around or within 1 mile of home in the past 2 years to learn more about nature	Z-SCORE	Most likely to say watched wildlife around or within 1 mile of home in the past 2 years to learn more about nature
African-American	2.13*	
Lived in Arizona 6-10 years	2.04*	
Lived in Arizona 11-15 years	2.03*	
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED		Most likely <i>not</i> to say watched wildlife around or within 1 mile of home in the past 2 years to learn more about nature
Live in Cochise County	-2.08*	

A large majority (90%) of residential wildlife viewers were very or somewhat satisfied with their residential wildlife viewing experiences in the past 2 years in Arizona. Only 7% of residential wildlife viewers were very or somewhat dissatisfied with their residential wildlife viewing experiences.

Q7. Overall, how satisfied or dissatisfied were you with your experiences watching wildlife around or within 1 mile of your home in the past 2 years in Arizona? (Asked of those who watched wildlife within 1 mile of their home.)



Very or somewhat satisfied with wildlife watching around or within 1 mile of home	Z-SCORE
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Income of \$25,000 - \$34,999	-2.08*

Most likely *not* to say very or somewhat satisfied with wildlife watching around or within 1 mile of home

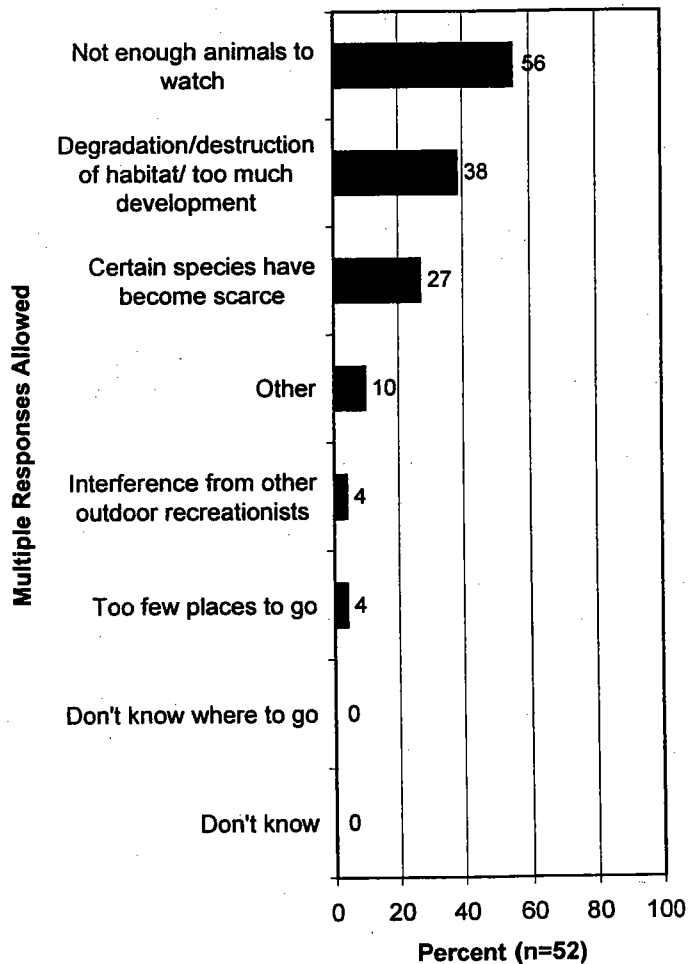
Very or somewhat dissatisfied with wildlife watching around or within 1 mile of home	Z-SCORE
Live in Greenlee County	2.39*
Lived in Arizona 16-20 years	2.32*
Income of \$25,000 - \$34,999	2.16*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	

Most likely to say very or somewhat dissatisfied with wildlife watching around or within 1 mile of home



The 7% of residential wildlife viewers who reported being dissatisfied with their residential wildlife viewing experiences in Arizona in the past 2 years were asked their main reasons for their dissatisfaction. The most frequently given reason for dissatisfaction, and the only reason with a majority reporting, was not enough animals to watch (56%). Other reasons given for dissatisfaction by sizable percentages of respondents were degradation/destruction of habitat – too much development (38%) and certain species have become scarce (27%).

Q9. What are the main reasons you were dissatisfied with your experiences watching wildlife around or within 1 mile of your home in Arizona? (Asked of those who were dissatisfied watching wildlife within 1 mile of their home.)



Dissatisfied with wildlife watching around or within 1 mile of home because there are not enough animals to watch	Z-SCORE
Income of \$50,000 - \$64,999	2.32*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Live in Yavapai County	-2*

Most likely to say dissatisfied with wildlife watching around or within 1 mile of home because there are not enough animals to watch

Most likely *not* to say dissatisfied with wildlife watching around or within 1 mile of home because there are not enough animals to watch

Dissatisfied with wildlife watching around or within 1 mile of home because certain species have become scarce	Z-SCORE
Lived in Arizona 11-15 years	2.33*
65 years old or older	2.05*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	

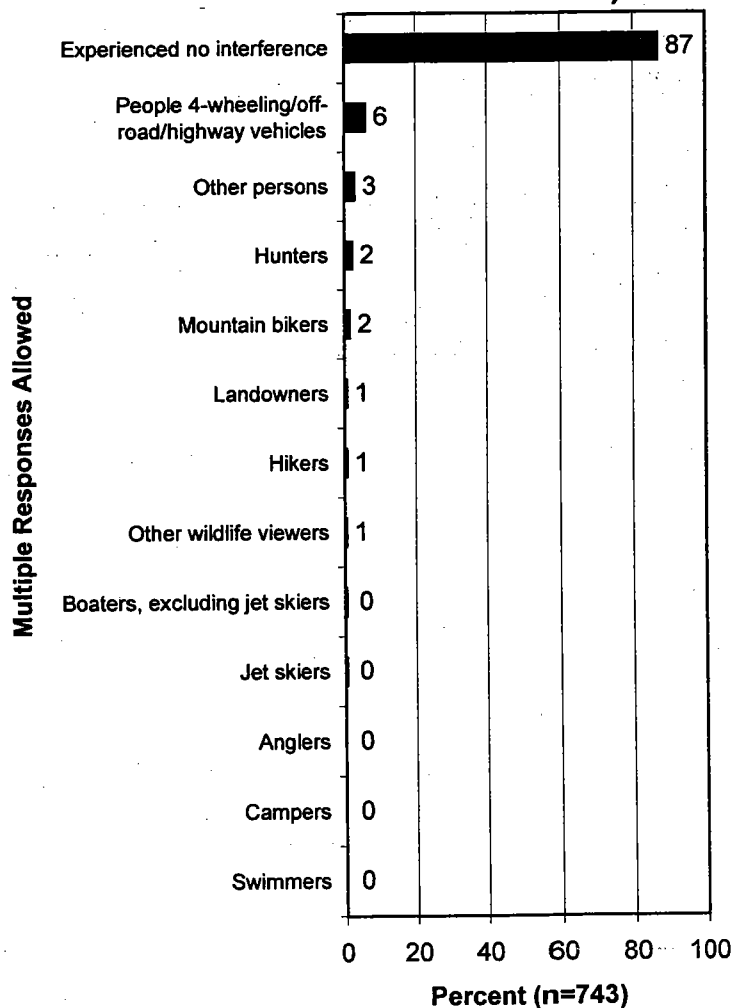
Most likely to say dissatisfied with wildlife watching around or within 1 mile of home because certain species have become scarce



No statistically significant variables were found for the response "degradation/destruction of habitat/too much development."

A large majority (87%) of residential wildlife viewers had not experienced any interference from others while watching wildlife in Arizona in the past 2 years. Fewer than 10% of respondents identified any of the categories of other persons who might cause interference as having interfered with their residential wildlife viewing.

Q43. While watching wildlife around or within 1 mile of your home in the past 2 years in Arizona, did you experience any interference from other outdoor recreationists? If yes: Whom were they? (Asked of those who watched wildlife within 1 of their home.)



Did not experience interference while watching wildlife around or within 1 mile of home	Z-SCORE	Most likely to say did not experience interference while watching wildlife around or within 1 mile of home
65 years old or older	3.99***	
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED		
35-44 years old	-2.04*	Most likely <i>not</i> to say did not experience interference while watching wildlife around or within 1 mile of home
25-34 years old	-2.31*	
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	-2.34*	
Live in Coconino County	-3.09**	

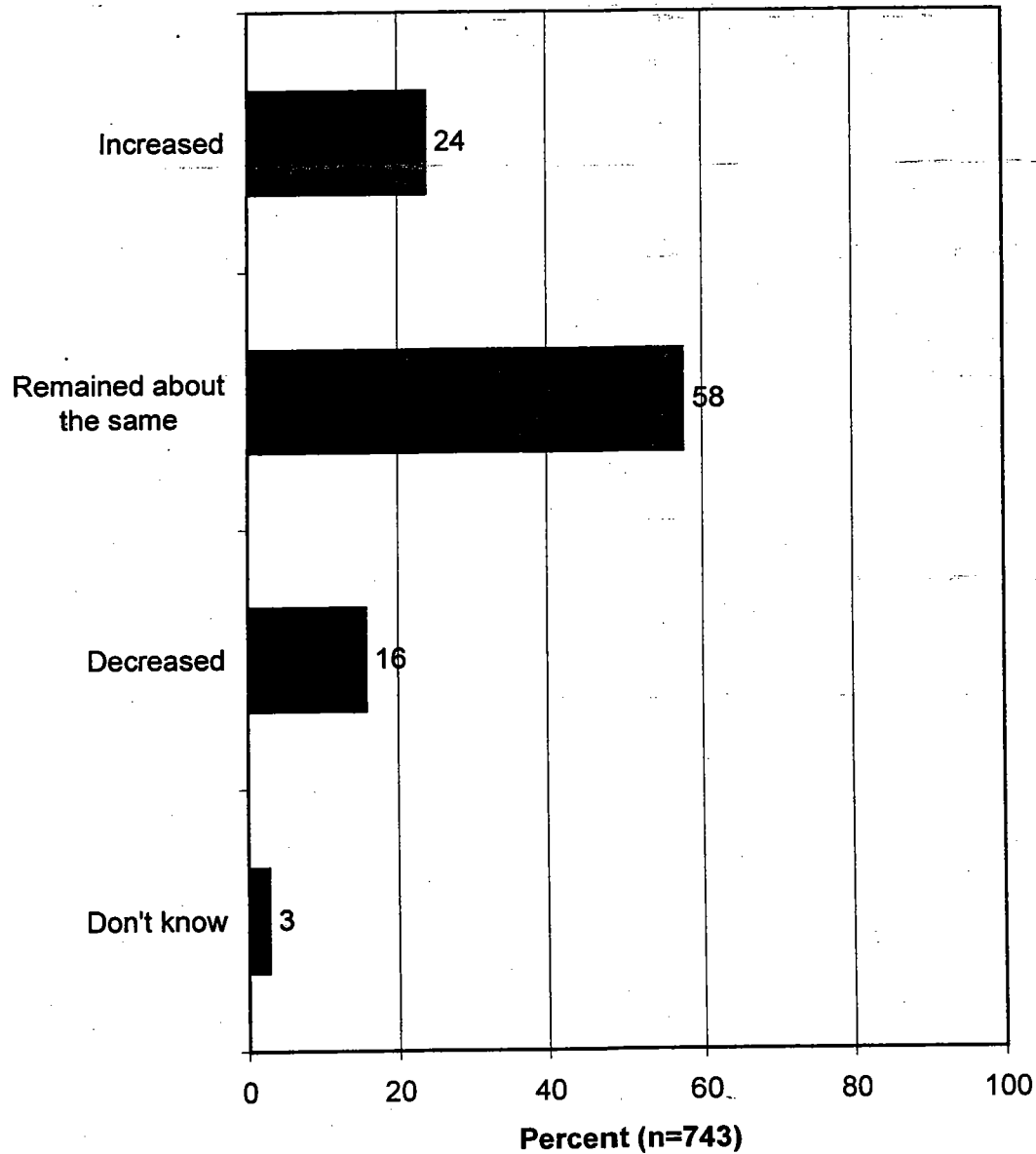
The frequency of residential wildlife viewing in Arizona appears to be remaining constant. A majority (58%) of residential wildlife viewers said that the frequency that they watch wildlife around or within 1 mile of their home has remained about the same over the past 5 years. A larger percentage of residential wildlife viewers said the frequency of their wildlife watching has increased (24%) than said it has decreased (16%) over the past 5 years.

Most residential wildlife viewers are avid participants. The largest percentage, and nearly a majority (46%), reported they watched wildlife within 1 mile of their home 100 or more days in the past 12 months. The mean number of days residential wildlife viewers watched wildlife within 1 mile of their home was 159 days.

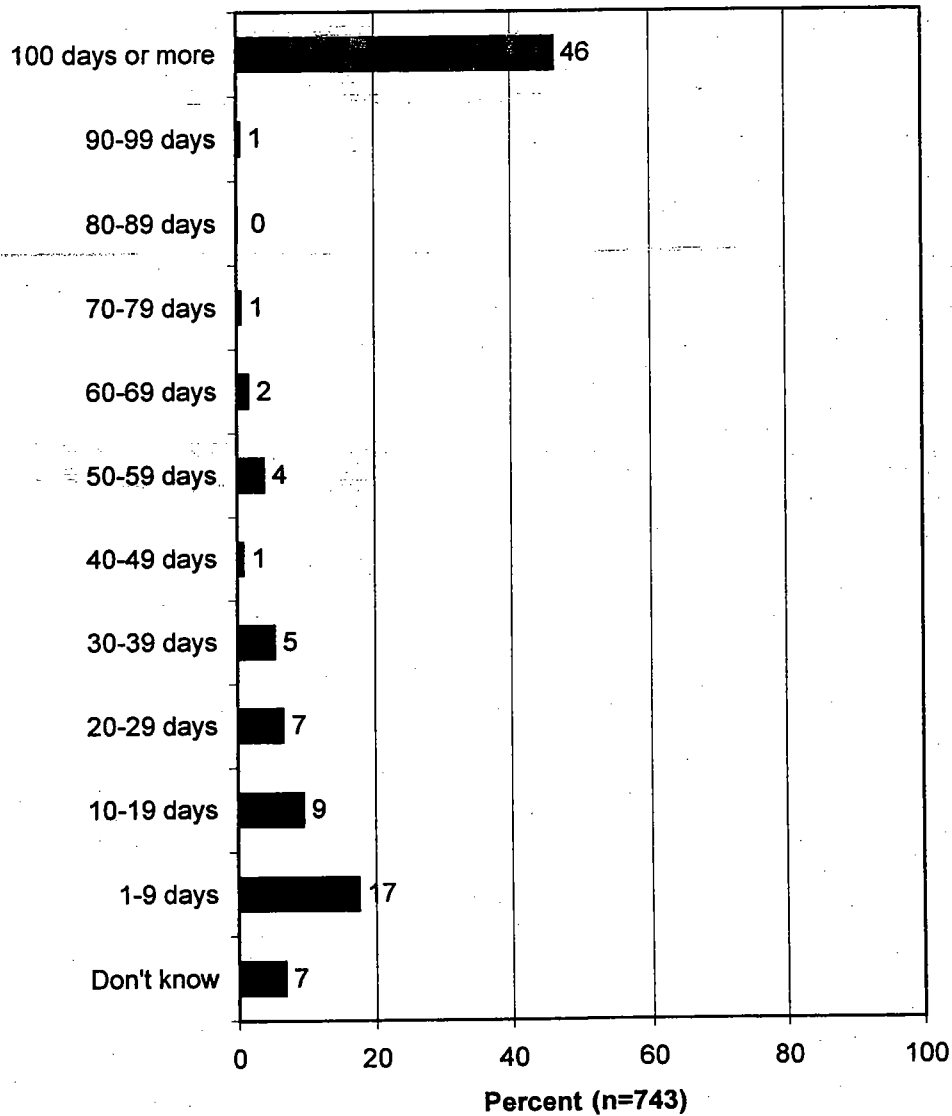
Number of days watching wildlife around or within 1 mile of home has increased	Z-SCORE	Most likely to say number of days watching wildlife around or within 1 mile of home has increased
25-34 years old	3.17**	
Gone birding in AZ over the past 2 years	3**	
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	2.17*	
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED		Most likely <i>not</i> to say number of days watching wildlife around or within 1 mile of home has increased
65 years old or older	-2*	

Number of days watching wildlife around or within 1 mile of home has decreased	Z-SCORE	Most likely to say number of days watching wildlife around or within 1 mile of home has decreased
Lived in Arizona 21-25 years	3.17**	
Live in Coconino County	2.56*	
35-44 years old	2.08*	
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED		Most likely <i>not</i> to say number of days watching wildlife around or within 1 mile of home has decreased
Lived in Arizona over 25 years	-2.01*	

Q12. Has the number of days you participate in watching wildlife around or within 1 mile of your home increased, decreased, or remained about the same over the past 5 years in AZ? (Asked of those who watched wildlife within 1 mile of their home.)

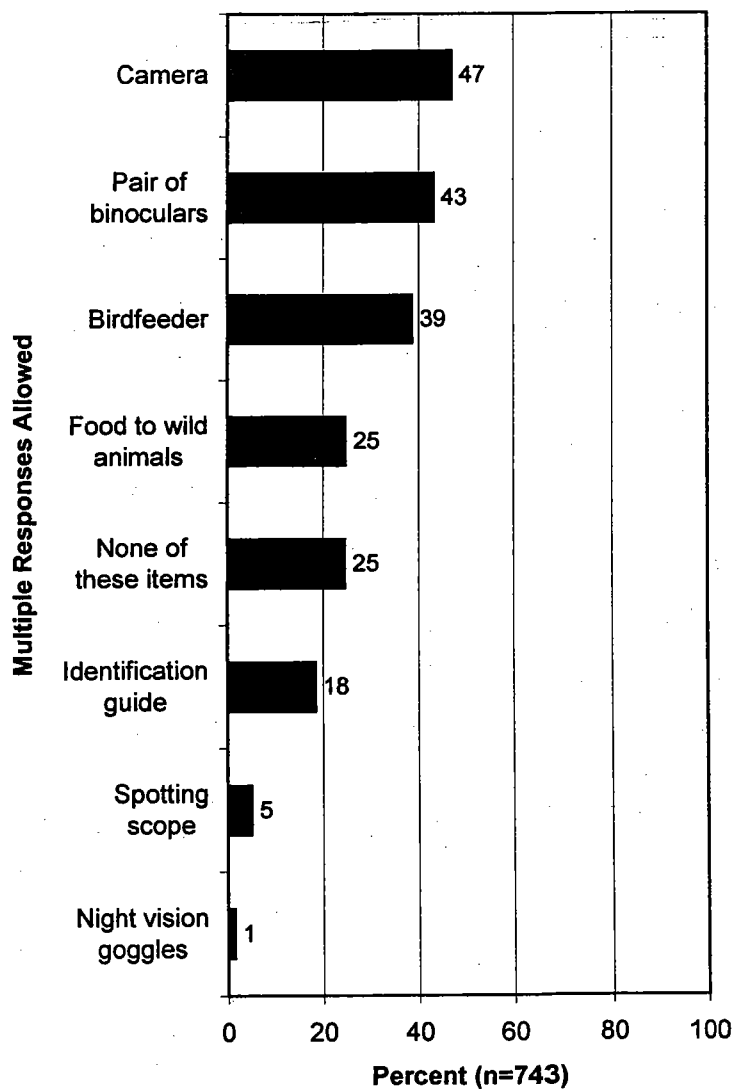


Q11. In the past 12 months, how many days did you participate in watching wildlife around or within 1 mile of your home in Arizona? (Asked of those who watched wildlife within 1 mile of their home.)



Many residential wildlife viewers bring some type of equipment with them when they watch wildlife. The most popular items to bring when watching wildlife are a camera (brought by 47% of respondents) and/or a pair of binoculars (brought by 43% of respondents). Other items brought or had by a quarter or more of residential wildlife viewers when they watched wildlife were a birdfeeder (39%) and food to feed wild animals (25%).

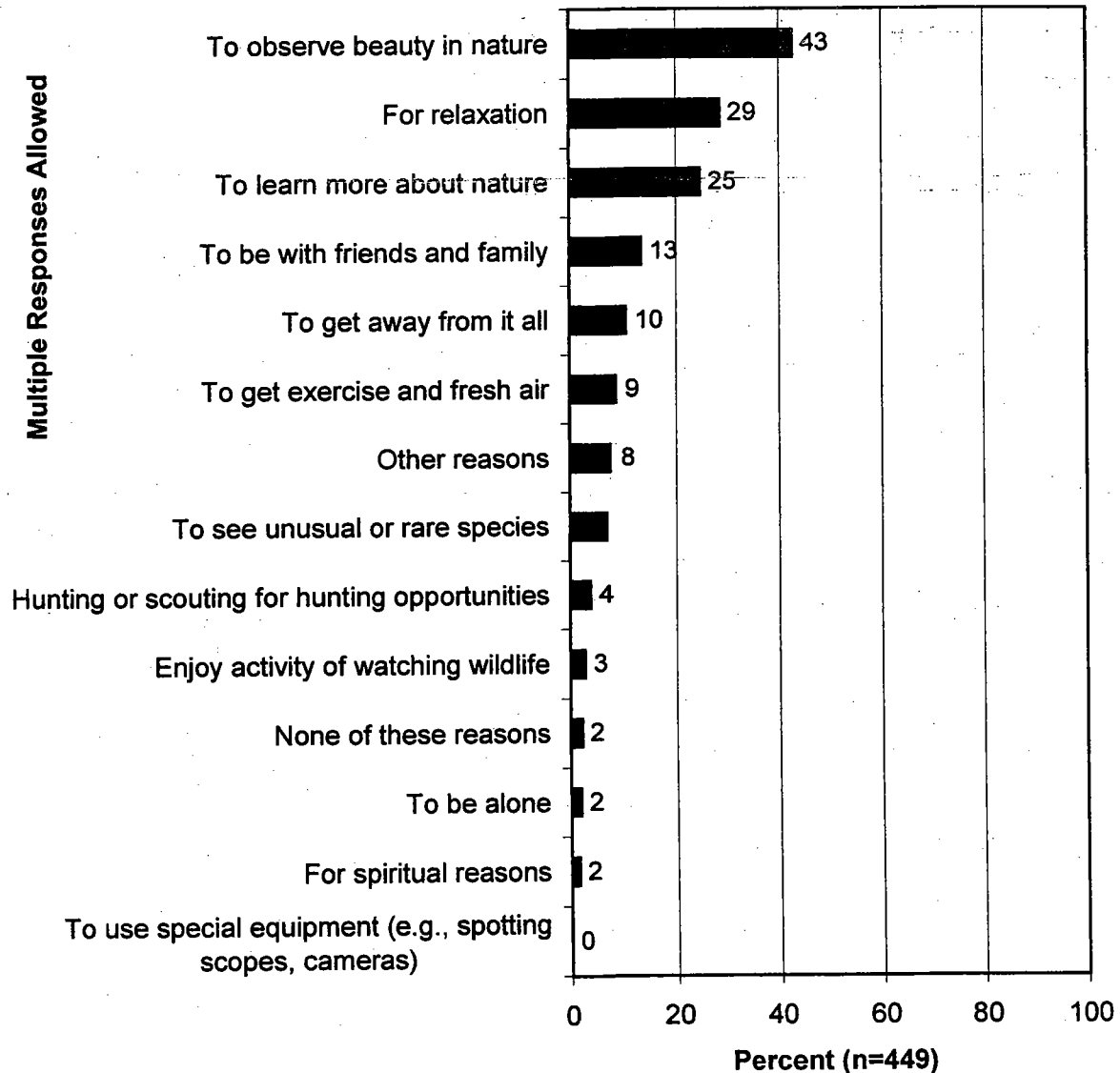
Q38. When you watch wildlife around or within 1 mile of your home in Arizona, do you usually have or bring...? (Asked of those who watched wildlife within 1 mile of their home.)



NON-RESIDENTIAL WILDLIFE VIEWING: TAKING TRIPS OF AT LEAST 1 MILE FROM HOME TO VIEW WILDLIFE

Thirty percent of respondents took a trip to view wildlife at least 1 mile from their home over the past 2 years in Arizona. Respondents gave many reasons for taking trips to watch wildlife at least 1 mile from their home; no reason was given by a majority of non-residential wildlife viewers for why they watched wildlife in Arizona over the past 2 years. The three most popular reasons for residential wildlife viewing were also the top three most popular reasons for non-residential wildlife viewing. The most popular reason, though not given by a majority of respondents, for taking trips to watch wildlife in Arizona in the past 2 years was to observe beauty in nature (43%). For relaxation (29%) and to learn more about nature (25%) were the other popular reasons for why respondents took trips to watch wildlife at least 1 mile from their home.

Q87. What are the most important reasons why you took trips to watch wildlife at least 1 mile from your home in the past 2 years in Arizona? (Asked of those who had taken a trip to view wildlife at least 1 mile from their home.)



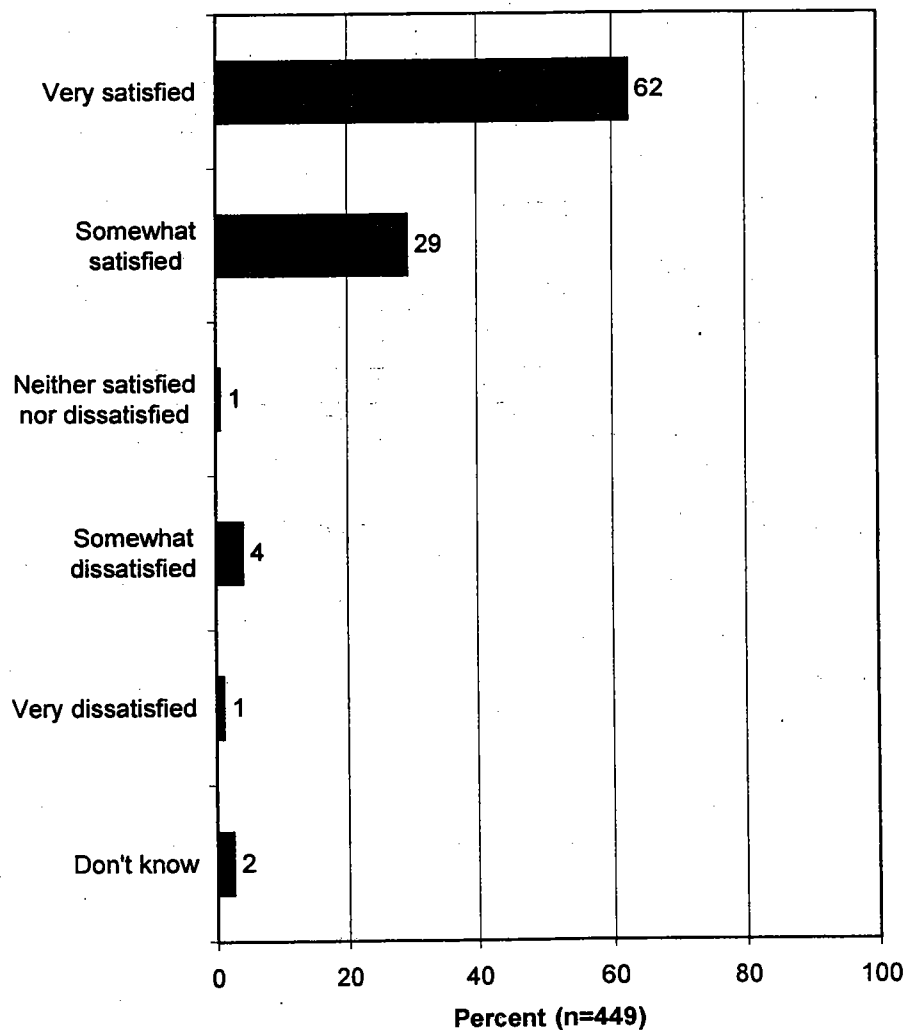
Watched wildlife at least 1 mile from home in the past 2 years to observe beauty in nature	Z-SCORE	Most likely to say watched wildlife at least 1 mile from home in the past 2 years to observe beauty in nature ↑ Most likely <i>not</i> to say watched wildlife at least 1 mile from home in the past 2 years to observe beauty in nature
Gone birding in AZ over the past 2 years	2.95**	
Watched wildlife within 1 mile of home in AZ over the past 2 years	2.66**	
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	2.66**	
55-64 years old	2.42*	
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED		
Lived in Arizona over 25 years	-2.5*	

Watched wildlife at least 1 mile from home in the past 2 years for relaxation	Z-SCORE	Most likely to say watched wildlife at least 1 mile from home in the past 2 years for relaxation Most likely <i>not</i> to say watched wildlife at least 1 mile from home in the past 2 years for relaxation
Lived in Arizona 11-15 years	2.13*	
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED		
High school graduate or less	-2.71**	

Watched wildlife at least 1 mile from home in the past 2 years to learn more about nature	Z-SCORE	Most likely to say watched wildlife at least 1 mile from home in the past 2 years to learn more about nature ↑ Most likely <i>not</i> to say watched wildlife at least 1 mile from home in the past 2 years to learn more about nature
College graduate	2.7**	
Gone birding in AZ over the past 2 years	2.47*	
Lived in Arizona 21-25 years	2.23*	
Income of \$15,000 - \$24,999	2.15*	
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED		
Lived in Arizona over 25 years	-2.04*	
Income of \$25,000 - \$34,999	-2.6**	

A large majority (91%) of nonresidential wildlife viewers were very or somewhat satisfied with their non-residential wildlife watching experiences in Arizona in the past 2 years. Only 5% of nonresidential wildlife viewers were very or somewhat dissatisfied with their non-residential wildlife viewing experiences.

Q45. Overall, how satisfied or dissatisfied were you with your experiences taking trips to watch wildlife at least 1 mile from your home in the past 2 years in AZ? (Asked of those who had taken a trip to view wildlife at least 1 mile from their home.)



Very or somewhat satisfied with wildlife watching at least 1 mile from home	Z-SCORE
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Live in Cochise County	-2.32*

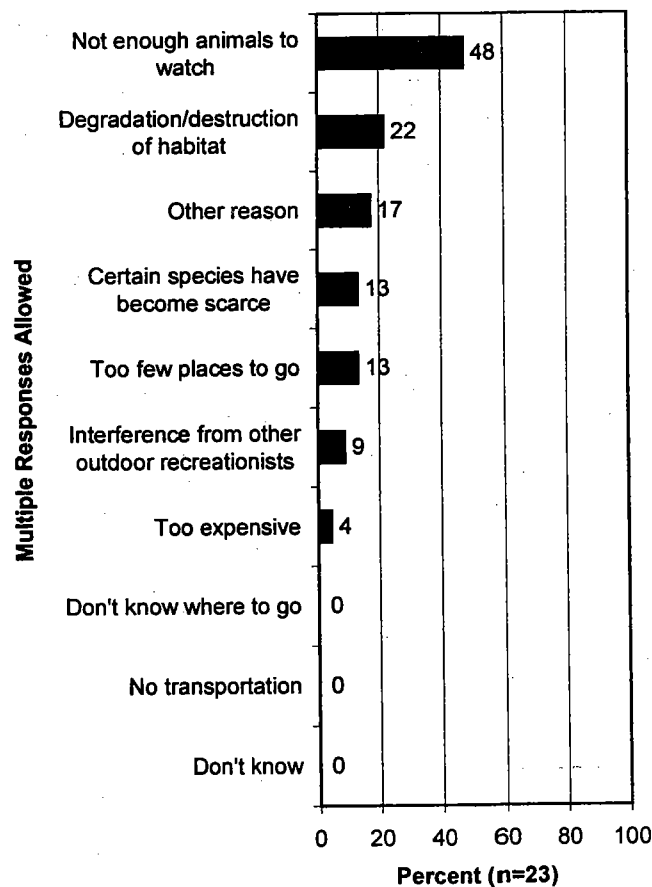
Most likely *not* to say very or somewhat satisfied with wildlife watching at least 1 mile from home

Very or somewhat dissatisfied with wildlife watching at least 1 mile from home	Z-SCORE
Income under \$15,000	2.81**
Live in Yuma County	2.57*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	

Most likely to say somewhat or somewhat dissatisfied with wildlife watching at least 1 mile from home

The 5% of nonresidential wildlife viewers who reported being dissatisfied with their non-residential wildlife viewing experiences in Arizona over the past 2 years were asked their main reasons for their dissatisfaction. Similar patterns for reasons for dissatisfaction were found for both residential and non-residential wildlife viewers. The most frequently given reason for dissatisfaction, though still less than a majority, was not enough animals to watch (48%). Other reasons given for dissatisfaction by nonresidential wildlife viewers were degradation/destruction of habitat – too much development (22%), certain species have become scarce (13%), and too few places to go (13%).

Q47. What are the main reasons you were dissatisfied with your experiences taking trips to watch wildlife at least 1 mile from your home in Arizona? (Asked of those who were dissatisfied watching wildlife at least 1 mile from their home.)



Dissatisfied with wildlife watching at least 1 mile from home because there are not enough animals to watch	Z-SCORE
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
35-44 years old	-2.11*

Most likely *not* to say dissatisfied with wildlife watching at least 1 mile from home because there are not enough animals to watch

Dissatisfied with wildlife watching at least 1 mile from home because of degradation or destruction of habitat	Z-SCORE
Income of \$25,000 - \$34,999	2.02*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	

Most likely to say dissatisfied with wildlife watching at least 1 mile from home because of degradation or destruction of habitat

Dissatisfied with wildlife watching at least 1 mile from home because certain species have become scarce	Z-SCORE
65 years old or older	2.96**
Live in Coconino County	2.64**
Live in Gila County	2.64**
Lived in Arizona 5 years or less	2.64**
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	

Most likely to say dissatisfied with wildlife watching at least 1 mile from home because certain species have become scarce

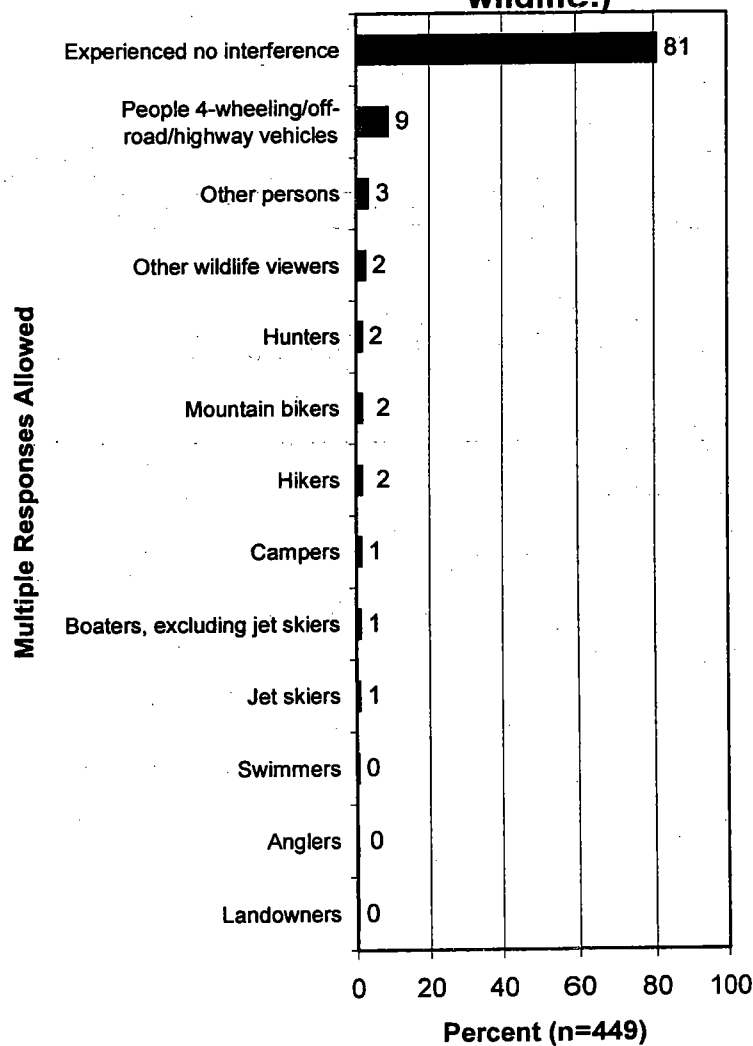
Dissatisfied with wildlife watching at least 1 mile from home because there are too few places to go	Z-SCORE
Hispanic	2.64**
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Watched wildlife within 1 mile of home in AZ over the past 2 years	-2.12*
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	-2.12*

Most likely to say dissatisfied with wildlife watching at least 1 mile from home because there are too few places to go

Most likely *not* to say dissatisfied with wildlife watching at least 1 mile from home because there are too few places to go

A strong majority (81%) of non-residential wildlife viewers had not experienced any interference from others while watching wildlife in Arizona over the past 2 years. Fewer than 10% of respondents identified any of the categories of other persons who might cause interference as having interfered with their non-residential wildlife viewing.

Q90. While taking trips to watch wildlife at least 1 mile from your home in the past 2 years in AZ, did you experience any interference from other outdoor recreationists? If yes: Whom were they? (Asked of those who had taken a trip to view wildlife.)

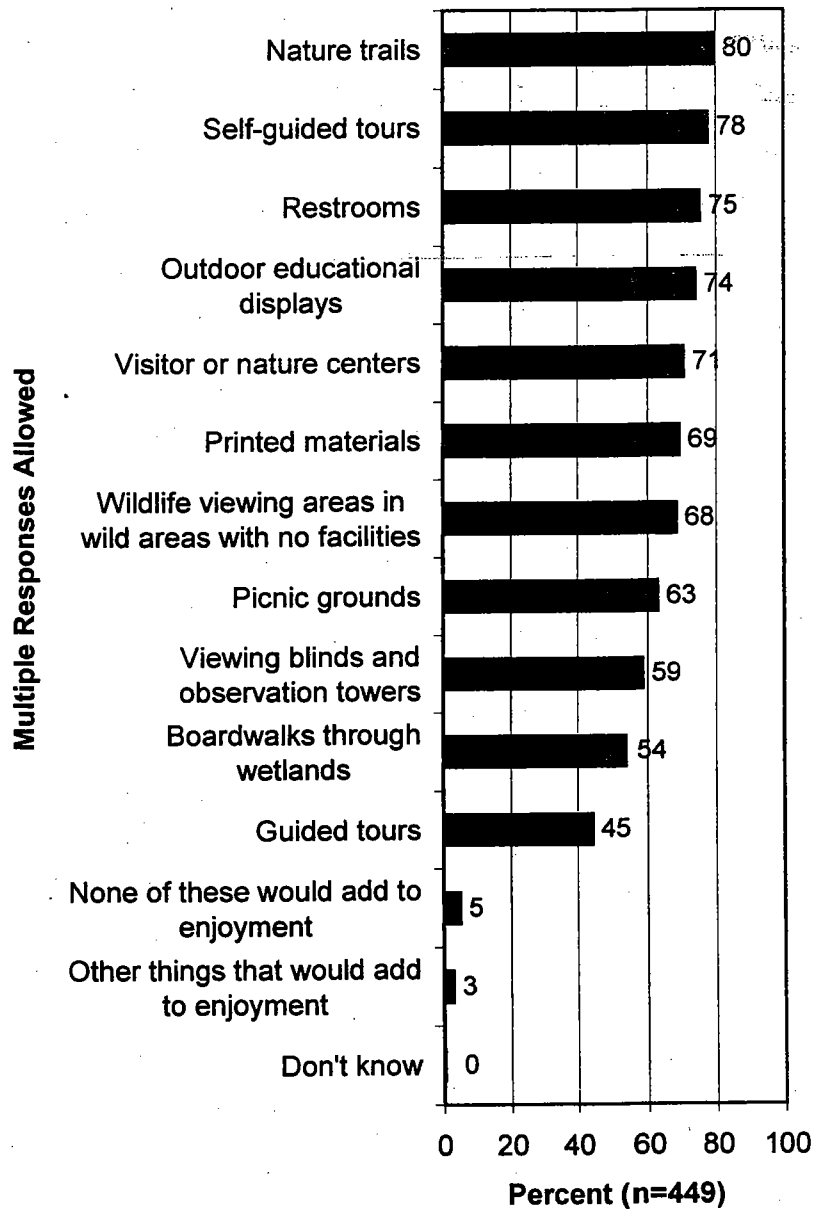


Did not experience interference while watching wildlife at least 1 mile from home	Z-SCORE
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Income of \$15,000 - \$24,999	-2.17*
Live in Coconino County	-2.17*

Most likely *not* to say did not experience interference while watching wildlife at least 1 mile from home

Non-residential wildlife viewers were read a list of items and asked if each item would add to their enjoyment of wildlife watching at least 1 mile from their home. Ten of the eleven items presented to non-residential wildlife viewers were reported by a majority of residents as items that would add to their enjoyment watching wildlife at least 1 mile from their home. The item that would add to the largest percentage of non-residential wildlife viewers' enjoyment was nature trails (80%). Nature trails was closely followed by self-guided tours (78%), restrooms (75%), other educational displays (74%), and visitor or nature centers (71%). Guided tours was the only item reported by less than a majority (45%) of non-residential wildlife viewers as having the potential to add enjoyment to their wildlife watching.

**Q93. Would each item add to your enjoyment of wildlife watching at least 1 mile from your home.
(Asked of those who had taken a trip to view wildlife at least 1 mile from their home.)**



Nature trails would add to enjoyment of taking a trip to watch wildlife	Z-SCORE
25-34 years old	2.31*
Live in Maricopa County	2.22*
Female	2.21*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
African-American	-2.09*
Male	-2.26*
Live in Gila County	-2.82**

Most likely to say nature trails would add to enjoyment of taking a trip to watch wildlife

Most likely *not* to say nature trails would add to enjoyment of taking a trip to watch wildlife

Self-guided tours would add to enjoyment of taking a trip to watch wildlife	Z-SCORE
Female	3.91***
College graduate	3.05**
25-34 years old	2.63**
Live in Maricopa County	2.39*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
65 years old or older	-2.4*
Male	-3.96***

Most likely to say self-guided tours would add to enjoyment of taking a trip to watch wildlife



Most likely *not* to say self-guided tours would add to enjoyment of taking a trip to watch wildlife



Restrooms would add to enjoyment of taking a trip to watch wildlife	Z-SCORE
Live in Maricopa County	3.31***
Female	2.94**
35-44 years old	2.18*
Hispanic	2.09*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Live in Coconino County	-1.98*
Live in Yavapai County	-2.31*
Live in Gila County	-2.4*
Male	-2.99**
45-54 years old	-3.27**


Most likely to say restrooms would add to enjoyment of taking a trip to watch wildlife



Most likely *not* to say restrooms would add to enjoyment of taking a trip to watch wildlife

Outdoor educational displays would add to enjoyment of taking a trip to watch wildlife	Z-SCORE	Most likely to say outdoor educational displays would add to enjoyment of taking a trip to watch wildlife
Female	3.07**	
College graduate	2.48*	
Lived in Arizona 5 years or less	2.11*	
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED		Most likely <i>not</i> to say outdoor educational displays would add to enjoyment of taking a trip to watch wildlife
18-24 years old	-2.1*	
Male	-3.12**	

Visitor or nature centers would add to enjoyment of taking a trip to watch wildlife	Z-SCORE	Most likely to say visitor or nature centers would add to enjoyment of taking a trip to watch wildlife
Female	3.39***	
Not Arizona native	3.23**	
Lived in Arizona 5 years or less	3**	
College graduate	2.83**	
Live in Maricopa County	2.22*	
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED		  Most likely <i>not</i> to say visitor or nature centers would add to enjoyment of taking a trip to watch wildlife
Live in Apache County	-2.01*	
Live in Gila County	-2.02*	
Live in Yavapai County	-2.17*	
18-24 years old	-2.31*	
Lived in Arizona over 25 years	-2.41*	
Arizona native	-3.07**	
Male	-3.45***	

Printed materials would add to enjoyment of taking a trip to watch wildlife	Z-SCORE	Most likely to say printed materials would add to enjoyment of taking a trip to watch wildlife
Female	3.11**	
Income of \$50,000 - \$64,999	2.31*	
Income of \$65,000 or over	2.31*	
College graduate	2.14*	
Live in Maricopa County	2*	
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED		 Most likely <i>not</i> to say printed materials would add to enjoyment of taking a trip to watch wildlife
Male	-3.17**	

Wildlife viewing areas in wild areas with no facilities would add to enjoyment of taking a trip to watch wildlife	Z-SCORE
Income of \$65,000 or over	3.22**
Lived in Arizona 11-15 years	2.28*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
High school graduate or less	-2.3*
65 years old or older	-2.62**
Live in Gila County	-3.63***

Most likely to say wildlife viewing areas in wild areas with no facilities would add to enjoyment of taking a trip to watch wildlife

Most likely *not* to say wildlife viewing areas in wild areas with no facilities would add to enjoyment of taking a trip to watch wildlife

Picnic grounds would add to enjoyment of taking a trip to watch wildlife	Z-SCORE
Live in Maricopa County	4.68***
Hispanic	2.98**
35-44 years old	2.18*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
45-54 years old	-2.03*
Live in Coconino County	-2.66**
Live in Yavapai County	-3.56***

Most likely to say picnic grounds would add to enjoyment of taking a trip to watch wildlife

Most likely *not* to say picnic grounds would add to enjoyment of taking a trip to watch wildlife

Viewing blinds and observation towers would add to enjoyment of taking a trip to watch wildlife	Z-SCORE
Live in Maricopa County	2.88**
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Live in Coconino County	-2.22*
65 years old or older	-2.56*
Live in Yavapai County	-3.06**

Most likely to say viewing blinds and observation towers would add to enjoyment of taking a trip to watch wildlife

Most likely *not* to say viewing blinds and observation towers would add to enjoyment of taking a trip to watch wildlife

Boardwalks through wetlands would add to enjoyment of taking a trip to watch wildlife	Z-SCORE
Female	3**
Live in Pima County	2.11*
White	2*
Lived in Arizona 5 years or less	1.99*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Male	-3.08**

Most likely to say boardwalks through wetlands would add to enjoyment of taking a trip to watch wildlife

Most likely *not* to say boardwalks through wetlands would add to enjoyment of taking a trip to watch wildlife

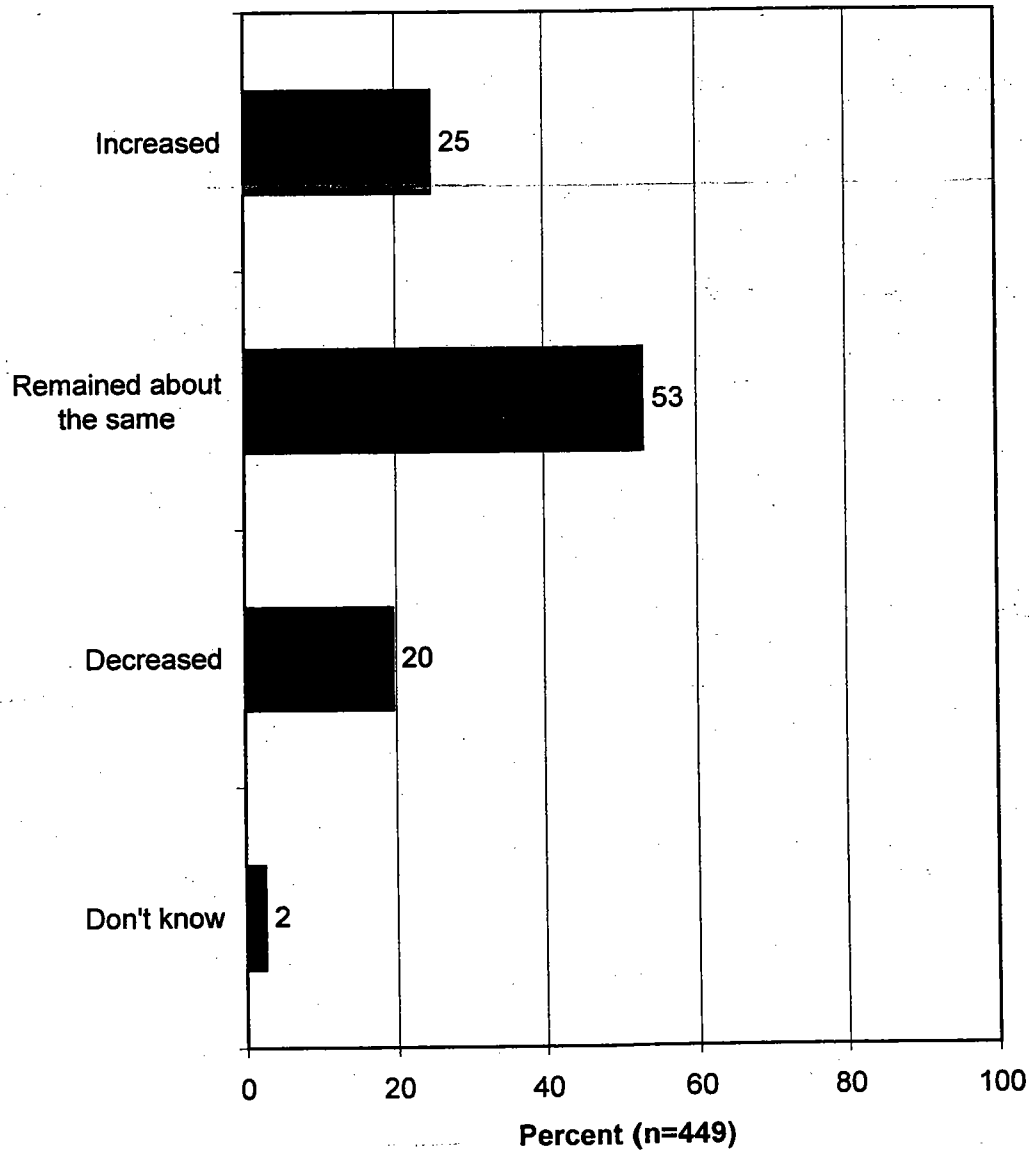
Similar patterns regarding frequency of wildlife watching were evident for both residential and non-residential wildlife viewing. A majority of non-residential wildlife viewers (53%) said that the frequency that they watch wildlife at least 1 mile from home has remained about the same over the past 5 years. A larger percentage of non-residential wildlife viewers said the frequency of their wildlife watching has increased (25%) than said it has decreased (20%) over the past 5 years.

Compared to residential wildlife viewers, most non-residential wildlife viewers watched wildlife much less frequently. Compared to the 46% of residential wildlife viewers who watched wildlife 100 or more days, only 6% of non-residential wildlife viewers reported watching wildlife 100 or more days in the past 12 months. The largest percentage, and nearly a majority, (49%) of non-residential wildlife viewers reported they took a trip at least 1 mile from their home 1-9 days per year in the past 12 months. The mean number of days residential wildlife viewers watched wildlife was 25 days.

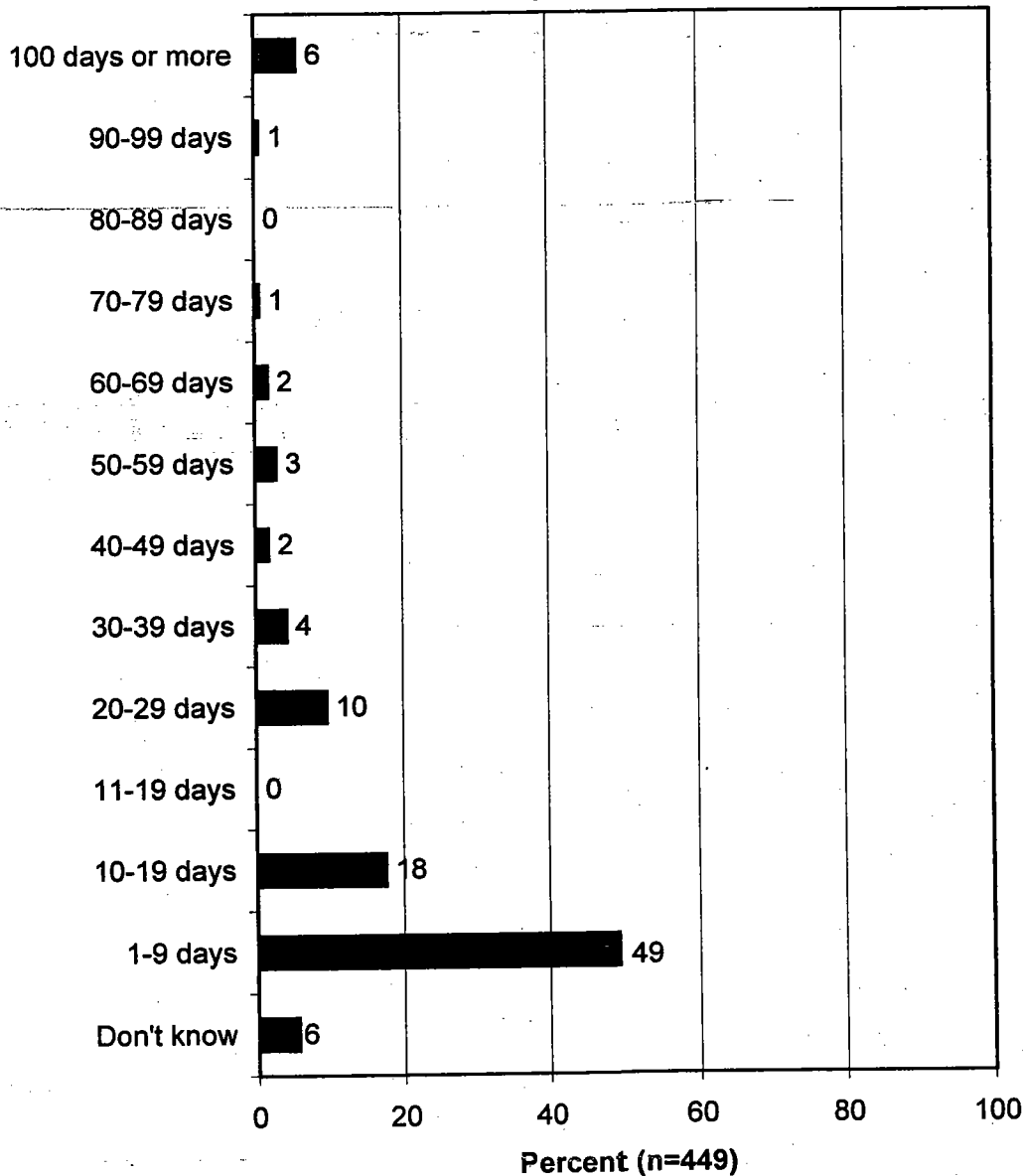
The most popular counties to take a trip to view wildlife were Maricopa County (29%), Pima County (19%), and Coconino County (12%). All other counties had less than 10% reporting that they typically took a trip in or to that particular county to view wildlife.

Number of days watching wildlife at least 1 mile from home has increased	Z-SCORE	Most likely to say number of days watching wildlife at least 1 mile from home has increased
25-34 years old	2.96**	
Live in Apache County	2.32*	
Income of \$50,000 - \$64,999	2.29*	
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED		Most likely <i>not</i> to say number of days watching wildlife at least 1 mile from home has increased
65 years old or older	-2.1*	
Number of days watching wildlife at least 1 mile from home has decreased	Z-SCORE	Most likely to say number of days watching wildlife at least 1 mile from home has decreased
Lived in Arizona 11-15 years	2.62**	
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED		Most likely <i>not</i> to say number of days watching wildlife at least 1 mile from home has decreased
White	-2.15*	

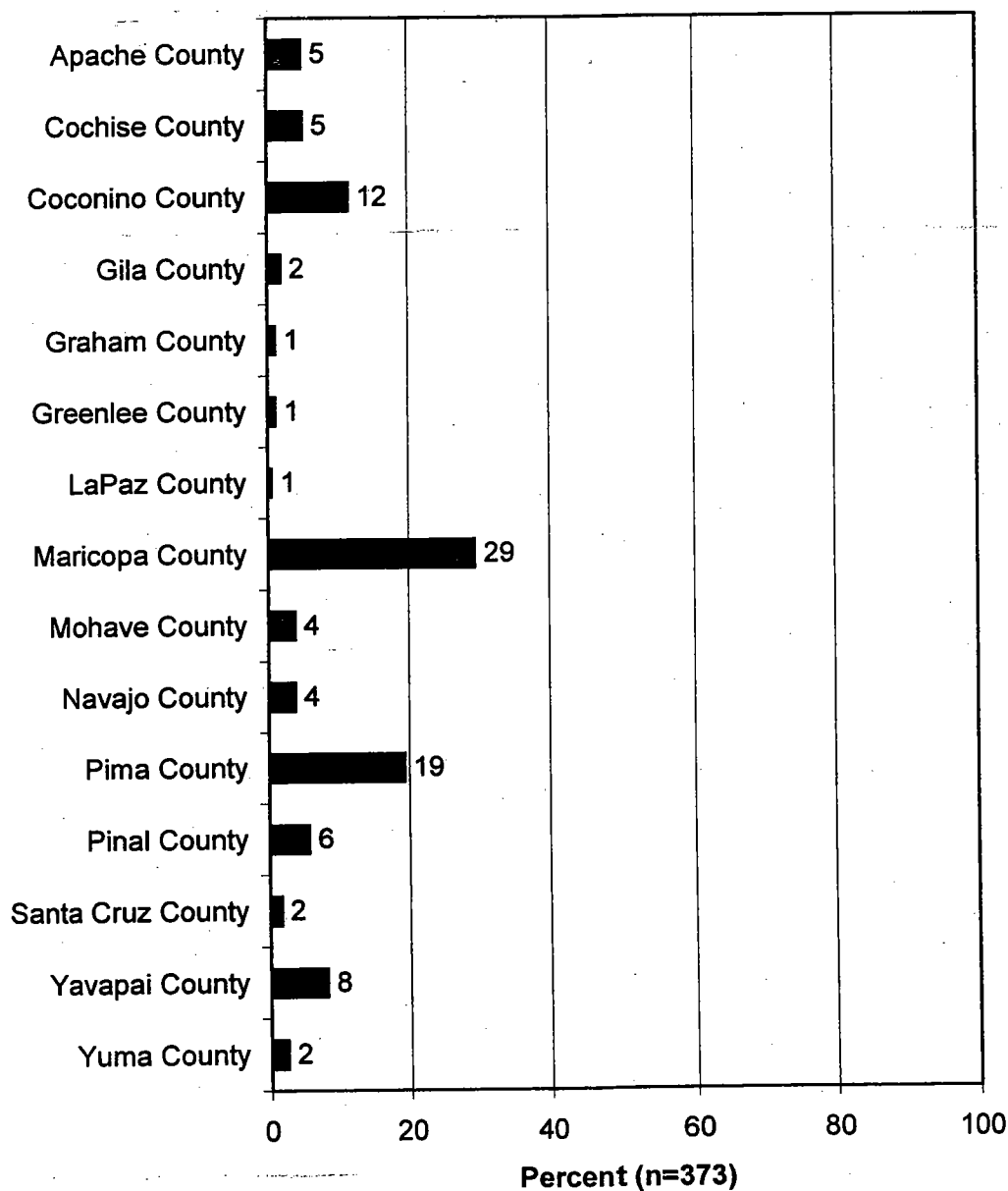
Q50. Has the number of days you participate in taking trips to watch wildlife at least 1 mile from your home increased, decreased, or remained about the same over the past 5 years in AZ? (Asked of those who had taken a trip to view wildlife.)



Q49. In the past 12 months, how many days did you participate in taking trips to watch wildlife at least 1 mile from your home in Arizona? (Asked of those who had taken a trip to view wildlife at least 1 mile from your home.)

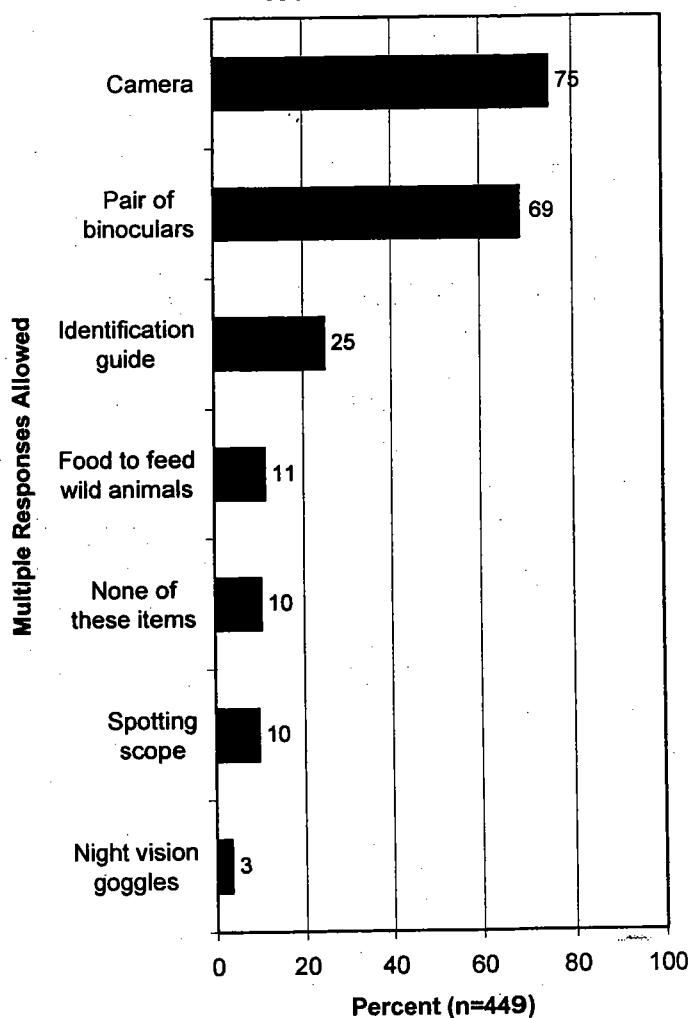


Q51. In what county do you typically take trips to watch wildlife at least 1 mile from your home?
(Asked of those who had taken a trip to view wildlife at least 1 mile from their home.)



More non-residential wildlife viewers brought some type of equipment with them when they watched wildlife than did residential wildlife viewers. Three-quarters of non-residential wildlife viewers brought a camera when watching wildlife, and 69% of non-residential wildlife viewers brought a pair of binoculars. A quarter of non-residential wildlife viewers brought a pair of binoculars. A quarter of non-residential wildlife viewers brought an identification guide. Other items that residential wildlife viewers brought with them are listed in the following graph.

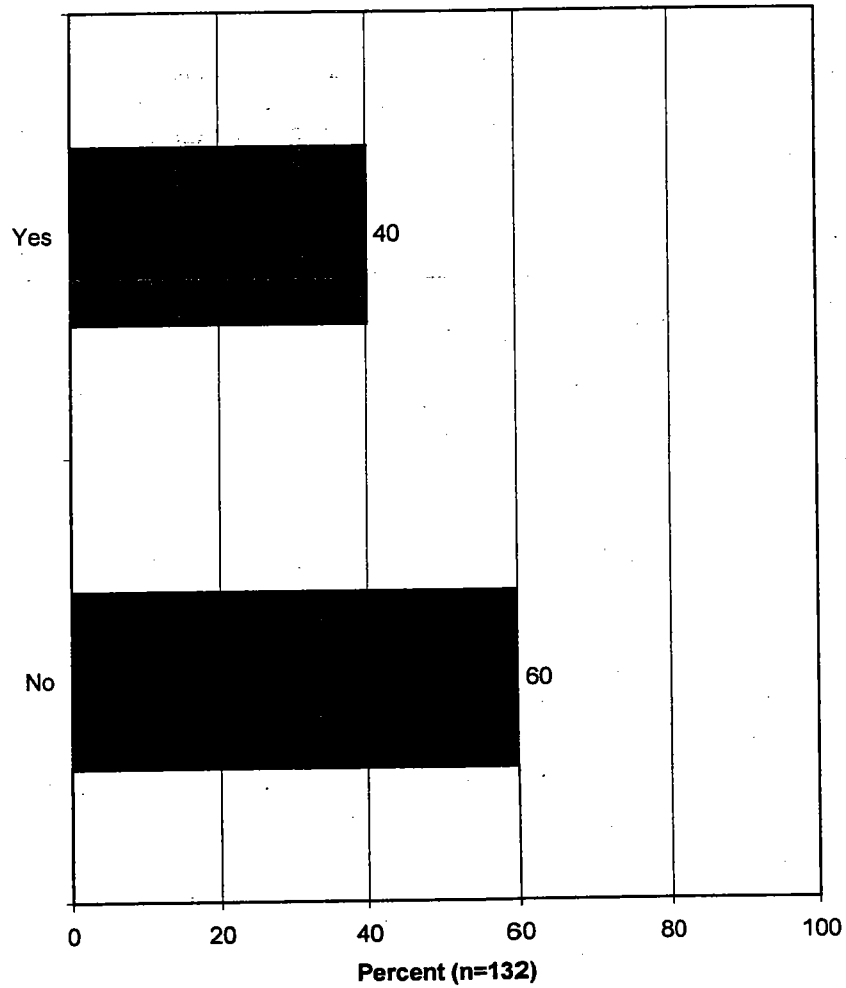
Q85. When you take trips to watch wildlife at least 1 mile from your home in Arizona, do you usually bring...? (Asked of those who watched wildlife at least 1 mile from their home.)



BIRDING

Nine percent of respondents, overall, had gone birding over the past 2 years in Arizona. To assess whether those respondents who said that they went birding should actually be considered true birders for the purposes of this survey, the survey asked them if they could identify at least 20 different species of birds without an identification guide, the assumption being that those who could not identify 20 different species of birds should not be considered true birders. Of those who said they went birding, 40% said they could identify at least 20 different species of birds without an identification guide. Four percent of Arizona residents, overall, were birders.

**Q95. Without an identification guide, do you think
you could identify 20 different species of birds?
(Asked of those who went birding.)**



Can identify 20 different species of birds without an identification guide	Z-SCORE
Live in Gila County	2.14*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	

Most likely to say can identify 20 different species of birds without an identification guide

Cannot identify 20 different species of birds without an identification guide	Z-SCORE
Live in Gila County	-2.14*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	

Most likely *not* to say cannot identify 20 different species of birds without an identification guide

No reason was given by a majority of birders for why they went birding in Arizona in the past 2 years. The most popular reason, given by nearly a majority of birders (49%), for going birding in Arizona in the past 2 years was to observe beauty in nature. To learn more about nature (36%), fascination with birds (21%), and for relaxation (21%) were other popular reasons for why birders went birding in Arizona in the past 2 years. The complete list of reasons given for why birders went birding is included in the following graph.

Gone birding in AZ in the past 2 years to observe beauty in nature	Z-SCORE
55-64 years old	2.31*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	

Most likely to say gone birding in AZ in the past 2 years to observe beauty in nature

Gone birding in AZ in the past 2 years because are fascinated with birds	Z-SCORE
18-24 years old	2.82**
Live in Gila County	2.02*
Live in Coconino County	1.97*
Native American	1.97*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Income of \$65,000 or over	-2.12*

Most likely to say gone birding in AZ in the past 2 years because are fascinated with birds

Most likely *not* to say gone birding in AZ in the past 2 years because are fascinated with birds

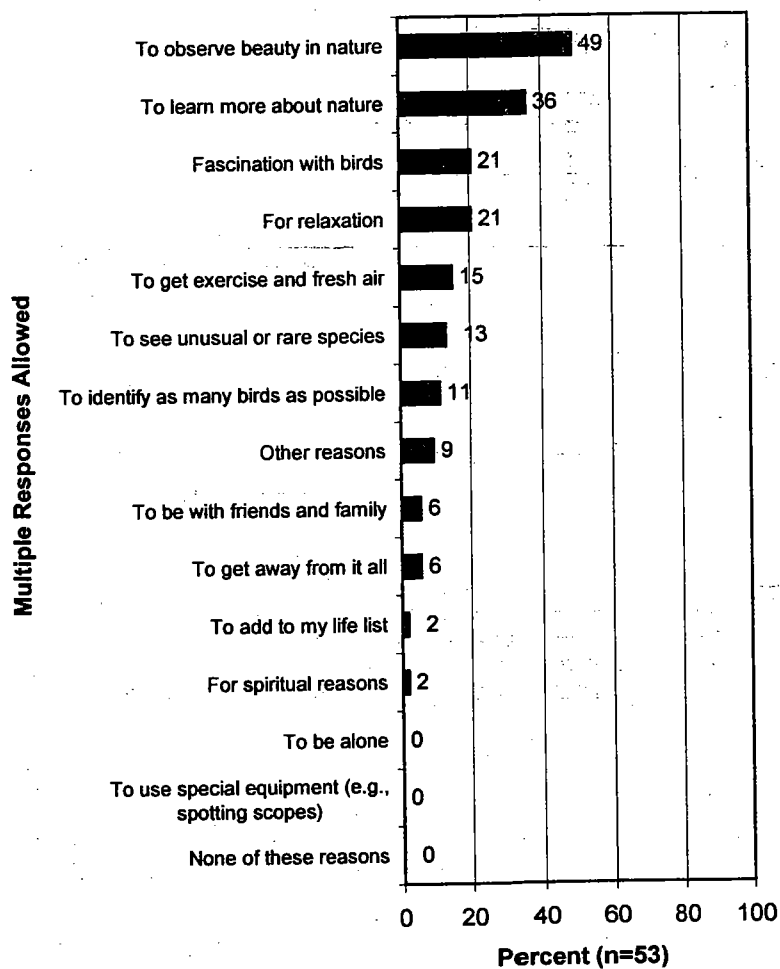
Gone birding in AZ in the past 2 years for relaxation	Z-SCORE
College graduate	2.3*
Live in Pima County	2.17*
Live in Coconino County	1.97*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
65 years old or older	-2.12*

Most likely to say gone birding in AZ in the past 2 years for relaxation

Most likely *not* to say gone birding in AZ in the past 2 years for relaxation

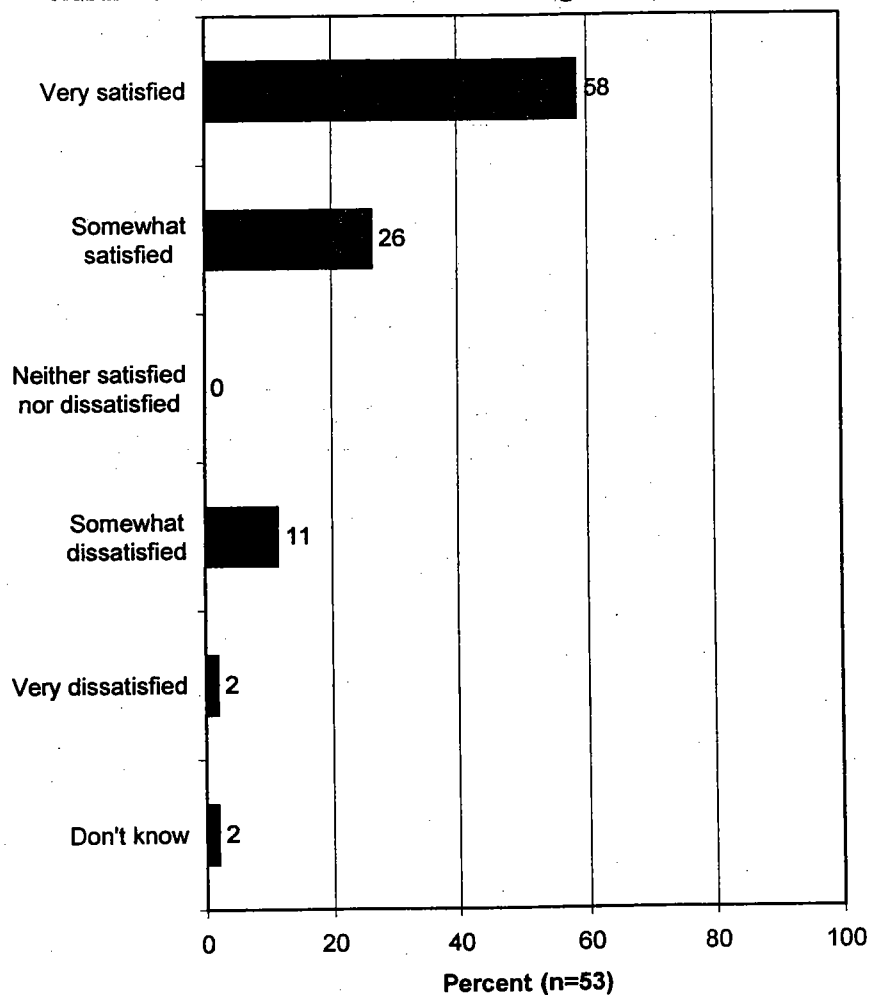
No statistically significant variables were found for the response "to learn more about nature."

**Q138. What are the most important reasons why you went birding in the past 2 years in Arizona?
(Asked of those who went birding and can identify 20 different species of birds without an identification guide.)**



A strong majority (84%) of birders were very or somewhat satisfied with their birding experiences in Arizona in the past 2 years. Thirteen percent of respondents said that they were very or somewhat dissatisfied with their birding experiences.

Q96. Overall, how satisfied or dissatisfied were you with your birding experiences in the past 2 years in Arizona? (Asked of those who went birding and can identify 20 different species of birds without an identification guide.)



Very or somewhat satisfied with birding experiences in the past 2 years	Z-SCORE
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Live in Pinal County	-2.03*
Lived in Arizona 5 years or less	-2.21*
Live in Coconino County	-2.39*
Live in Graham County	-2.39*

Most likely *not* to say very or somewhat satisfied with birding experiences in the past 2 years

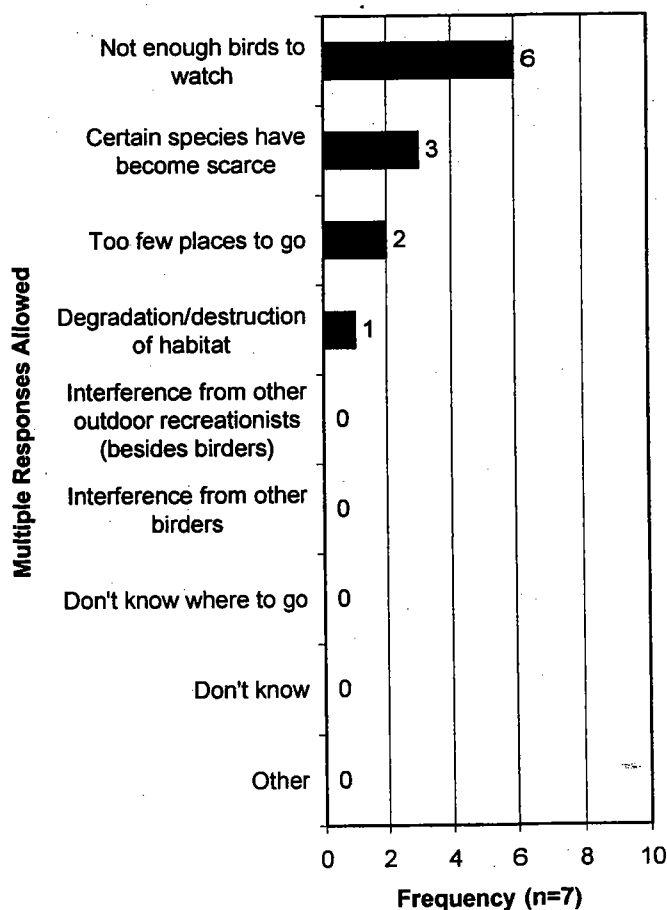
Very or somewhat dissatisfied with birding experiences in the past 2 years	Z-SCORE
Live in Graham County	2.59**
Lived in Arizona 5 years or less	2.55*
Live in Pinal County	2.26*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	

Most likely to say very or somewhat dissatisfied with birding experiences in the past 2 years



Only 7 birders reported being dissatisfied with their birding experiences in Arizona in the past 2 years. These 7 respondents were asked their main reasons for their dissatisfaction. The most frequently given reason for dissatisfaction, by a strong majority (86%), was not enough birds to watch (6 out of 7 respondents). Other reasons given for dissatisfaction by respondents were certain species have become scarce (3 respondents), too few places to go (2 respondents), and degradation/destruction of habitat – too much development (1 respondent).

**Q98. What are the main reasons you were dissatisfied with your birding experiences in AZ?
(Asked of those who went birding and can identify 20 different species of birds without an ID guide and who were dissatisfied with their birding experiences.)**



Dissatisfied with birding experiences because there are not enough birds to watch	Z-SCORE
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
High school graduate or less	-2.65**
Income under \$15,000	-2.65**

Most likely *not* to say dissatisfied with birding experiences because there are not enough birds to watch

Dissatisfied with birding experiences because certain species have become scarce	Z-SCORE
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
College graduate	-1.98*

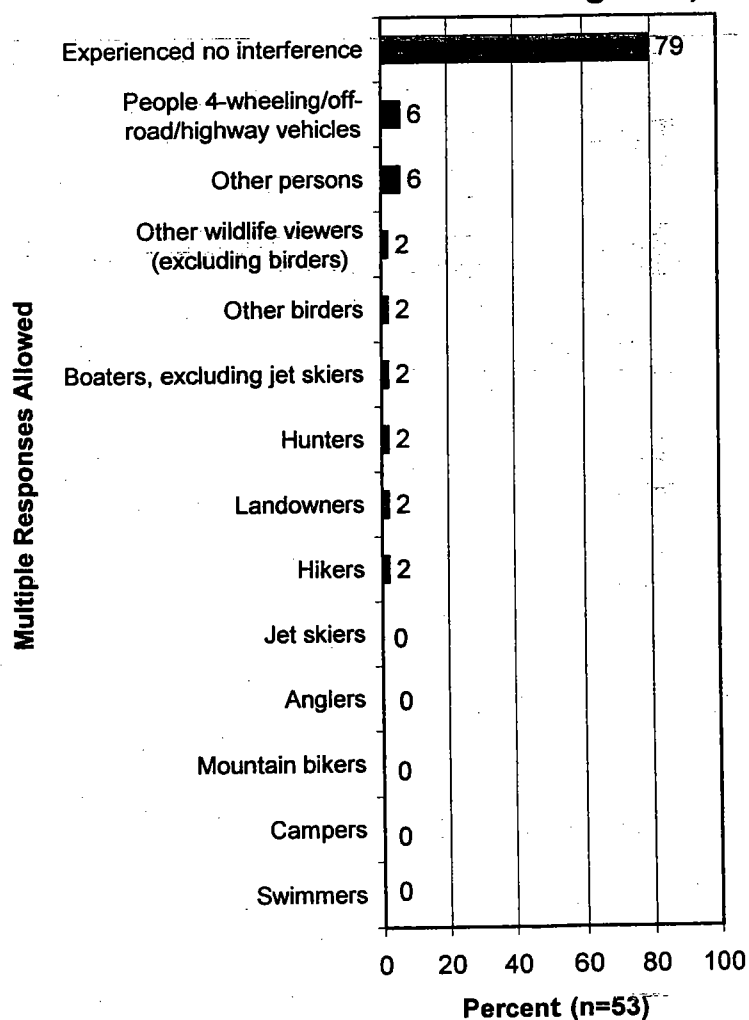
Most likely *not* to say dissatisfied with birding experiences because certain species have become scarce

Dissatisfied with birding experiences because there are too few places to go	Z-SCORE
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	-2.65**
Gone birding in AZ over the past 2 years	-2.65**

Most likely *not* to say dissatisfied with birding experiences because there are too few places to go

A majority (79%) of birders had not experienced any interference from others while birding in Arizona in the past 2 years. Fewer than 10% of respondents identified any of the categories of other persons who might cause interference as having interfered with their birding experiences.

Q141. While birding in the past 2 years in AZ, did you experience any interference from other outdoor recreationists? If yes: Whom were they? (Asked of those who went birding and can identify 20 different species of birds without an identification guide.)



Did not experience interference while birding	Z-SCORE
Female	2.36*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Live in Coconino County	-1.97*
Live in Mohave County	-1.97*
African-American	-1.97*
Live in Gila County	-2.02*
25-34 years old	-2.27*
Male	-2.36*

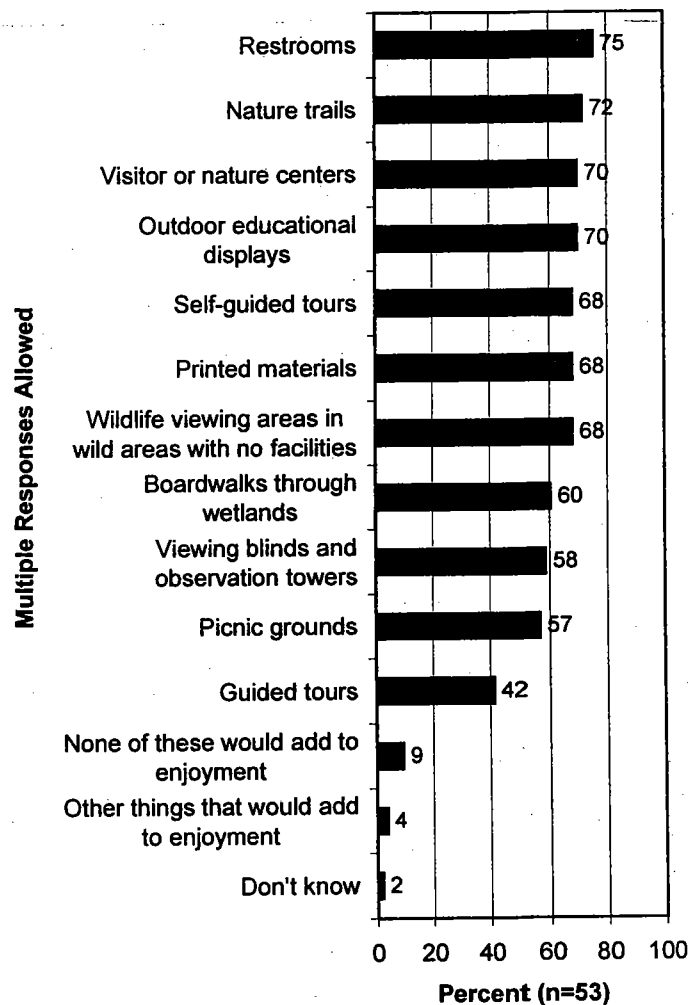
Most likely to say did not
experience interference
while birding



Most likely *not* to say did
not experience
interference while birding

Birders were read a list of items and asked if each item would add to their enjoyment of birding. Ten of the eleven items presented to birders were reported by a majority of residents as items that would add to their enjoyment of bird watching. The item that would add to the largest percentage of birders enjoyment was restrooms (75%). Other popular items were nature trails (72%), visitor or nature centers (70%), and outdoor educational displays (70%).

Q144. Would each item add to your enjoyment of birding. (Asked of those who went birding and can identify 20 different species of birds without an identification guide.)



Restrooms would add to enjoyment of birding	Z-SCORE
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
18-24 years old	-2.53*

Most likely *not* to say restrooms would add to enjoyment of birding

Nature trails would add to enjoyment of birding	Z-SCORE
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Live in Cochise County	-2.29*
18-24 years old	-2.29*

Most likely *not* to say nature trails would add to enjoyment of birding

Visitor or nature centers would add to enjoyment of birding	Z-SCORE
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Live in Cochise County	-2.19*
Income of \$15,000 - \$24,999	-2.19*
18-24 years old	-2.19*

Most likely *not* to say visitor or nature centers would add to enjoyment of birding

Outdoor educational displays would add to enjoyment of birding	Z-SCORE
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Live in Cochise County	-2.19*
Income of \$15,000 - \$24,999	-2.19*
18-24 years old	-2.19*

Most likely *not* to say outdoor educational displays would add to enjoyment of birding

Self-guided tours would add to enjoyment of birding	Z-SCORE
White	2.34*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Live in Cochise County	-2.1*
18-24 years old	-2.1*
Lived in Arizona 16-20 years	-2.41*

Most likely to say self-guided tours would add to enjoyment of birding

Most likely *not* to say self-guided tours would add to enjoyment of birding

Printed materials would add to enjoyment of birding	Z-SCORE	Most likely to say printed materials would add to enjoyment of birding
White	2.34*	
Watched wildlife within 1 mile of home in AZ over the past 2 years	2.08*	
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED		Most likely <i>not</i> to say printed materials would add to enjoyment of birding
Live in Cochise County	-2.1*	

Wildlife viewing areas in wild areas with no facilities would add to enjoyment of birding	Z-SCORE	Most likely to say wildlife viewing areas in wild areas with no facilities would add to enjoyment of birding
College graduate	2.15*	
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED		Most likely <i>not</i> to say wildlife viewing areas in wild areas with no facilities would add to enjoyment of birding
Live in Cochise County	-2.1*	
Income of \$15,000 - \$24,999	-2.1*	
18-24 years old	-2.1*	
Some college	-2.34*	
Live in Gila County	-2.6**	

Boardwalks through wetlands would add to enjoyment of birding	Z-SCORE	Most likely <i>not</i> to say boardwalks through wetlands would add to enjoyment of birding
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED		
Live in Gila County	-2.2*	

Viewing blinds and observation towers would add to enjoyment of birding	Z-SCORE	Most likely <i>not</i> to say viewing blinds and observation towers would add to enjoyment of birding
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED		
Live in Gila County	-2.12*	
Some college	-2.65**	

No statistically significant variables were found for the response that picnic grounds would add to the enjoyment of birding.

A majority of birders (58%) said that the frequency that they went birding has remained about the same over the past 5 years. Unlike the pattern found in wildlife viewing where more respondents reported that the frequency of their wildlife viewing has increased rather than decreased, more birders reported that the frequency of their birding experiences has decreased rather than increased over the past 5 years. Twenty-three percent of birders reported the frequency of their birding experiences has decreased, and 17% of birders reported it has increased over the past 5 years.

Most birders are avid bird watchers. Sixty-six percent of birders went birding 10 or more days, with a quarter of birders having gone birding 100 days or more in the past 12 months. Twenty-six percent of birders went birding 1-9 days in the past 12 months, and an additional 23% of birders went birding 10-19 days in the past 12 months. The mean number of days birders went birding in the past 12 months was 87 days.

The most popular counties for birding were Maricopa County (33%) and Pima County (27%). These two counties were also the two most popular counties for non-residential wildlife watching. All other counties had less than 10% reporting that they typically took a trip in or to that particular county to go birding.

Number of days birding has increased	Z-SCORE
Income of \$50,000 - \$64,999	2.41*
Live in Mohave County	2.23*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	

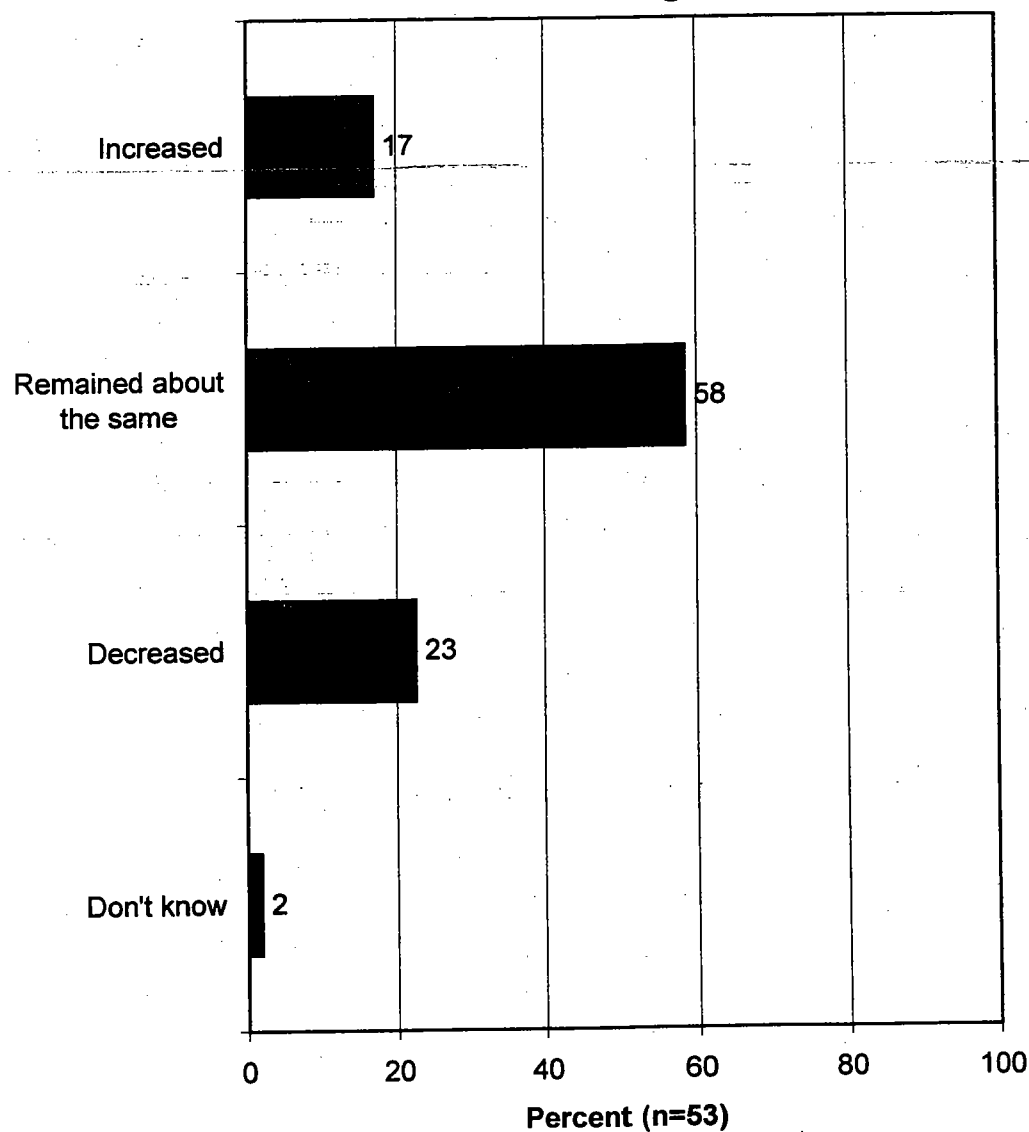
Most likely to say number of days birding has increased

Number of days birding has decreased	Z-SCORE
25-34 years old	2.1*
Lived in Arizona 16-20 years	2.1*
Male	2.01*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Female	-2.01*

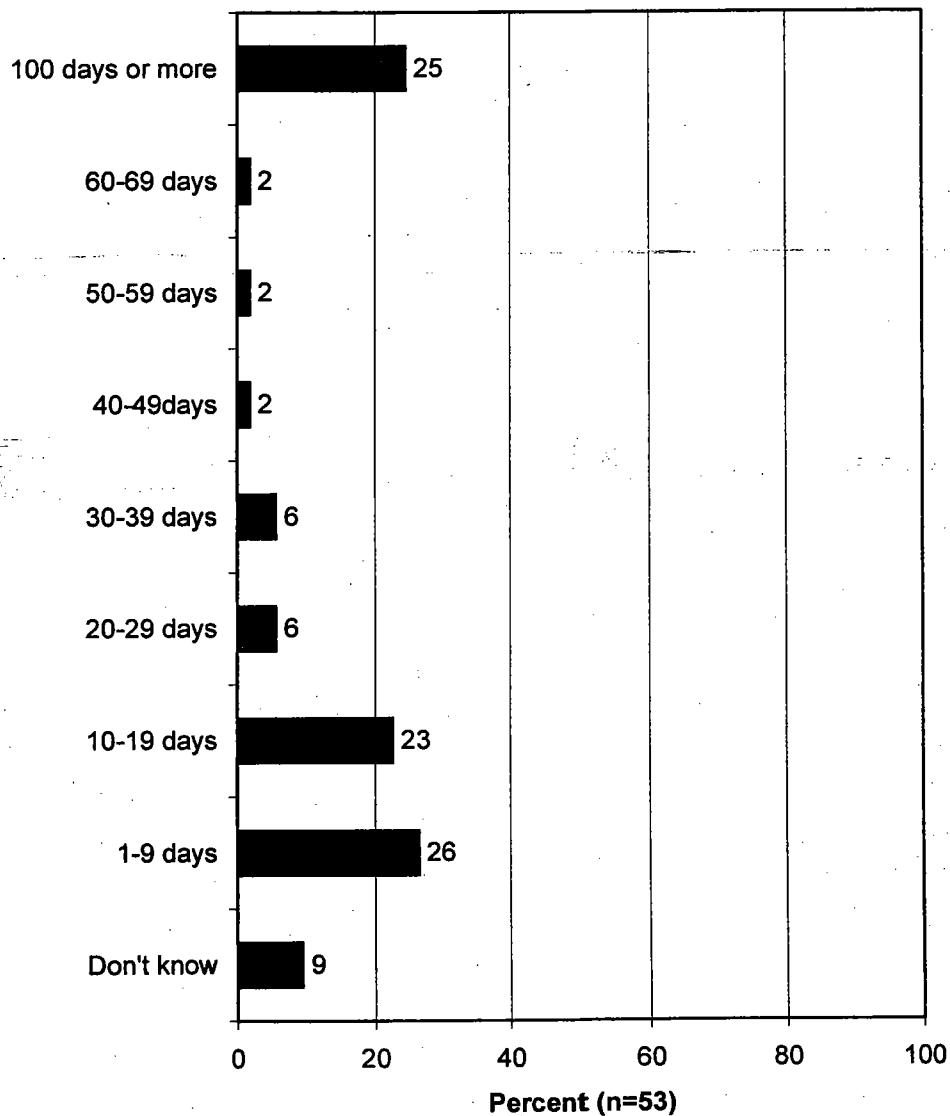
Most likely to say number of days birding has decreased

Most likely *not* to say number of days birding has decreased

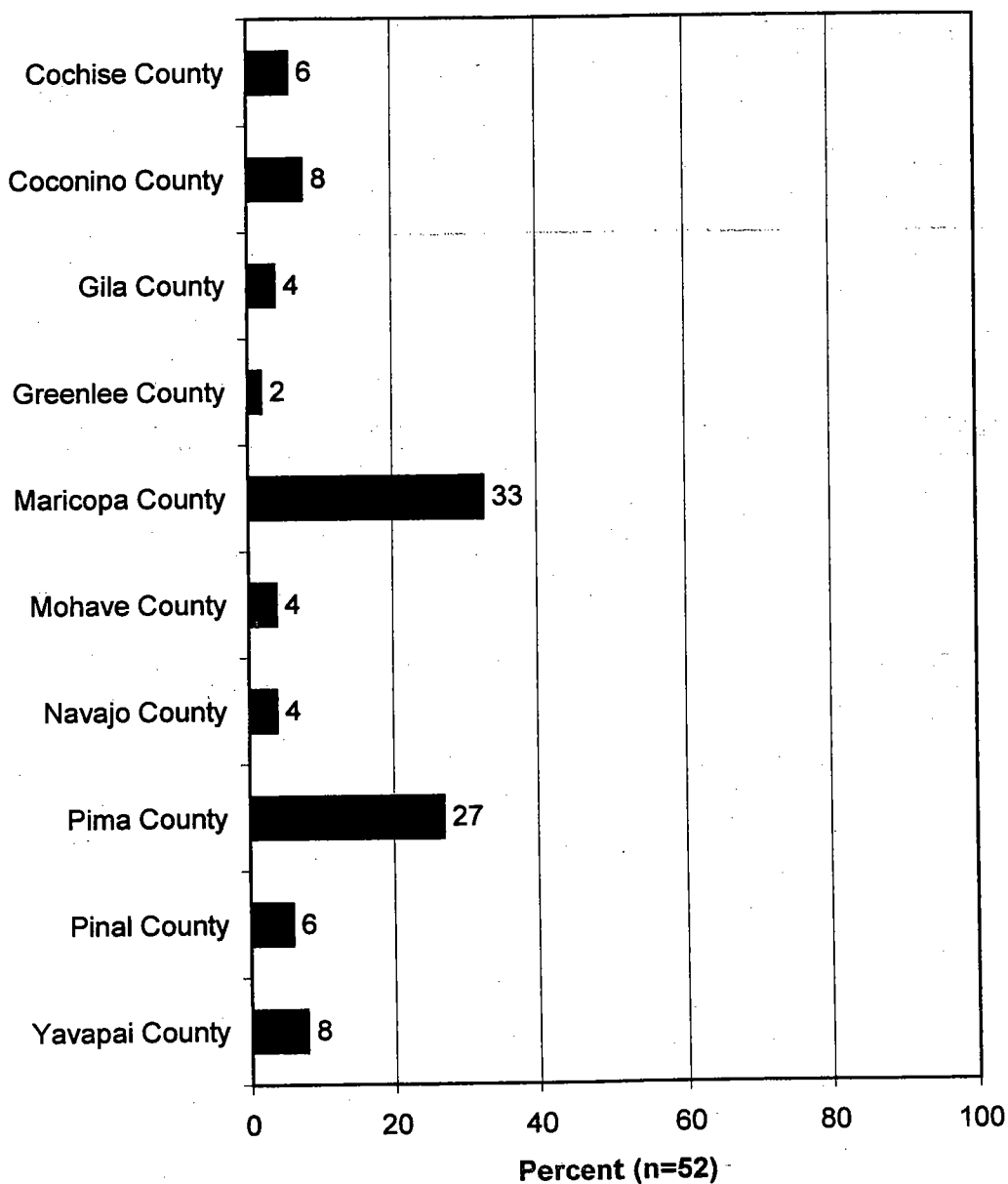
**Q101. Would you say the number of days you go birding has increased, decreased, or remained about the same over the past 5 years in Arizona?
(Asked of those who went birding and can identify 20 different species of birds without an identification guide.)**



Q100. In the past 12 months, how many days did you go birding in Arizona? (Asked of those who went birding and can identify 20 different species of birds without an identification guide.)

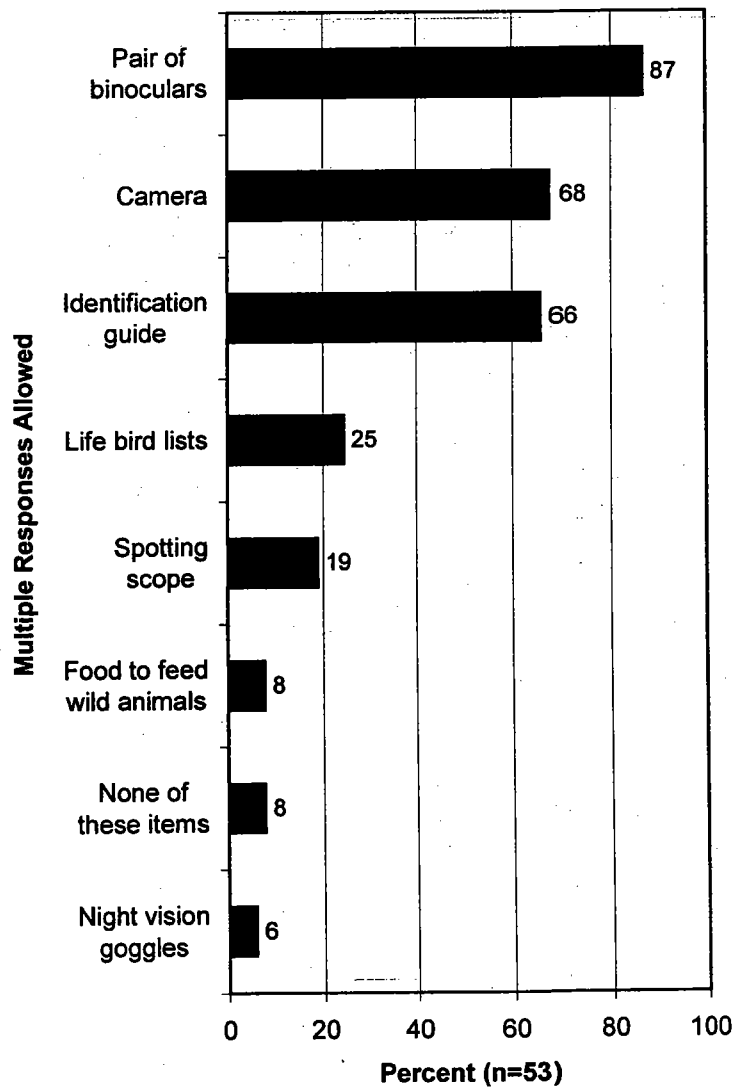


**Q102. In what county do you typically go birding?
(Asked of those who went birding and can identify
20 different species of birds without an
identification guide.)**



Birders more frequently than wildlife watchers brought some type of equipment with them when they went birding. Eighty-seven percent of birders brought a pair of binoculars when they went birding. Sixty-eight percent of birders brought a camera, followed closely by 66% who brought an identification guide. Other items that birders brought with them are listed in the following graph.

Q136. When you go birding in Arizona, do you usually bring...? (Asked of those who went birding and can identify 20 different species of birds without an identification guide.)



HARVESTING NONGAME ANIMALS FOR PERSONAL USE

Only ten respondents indicated that they had caught or harvested nongame animals for *personal* use in the past 2 years in Arizona. The following analyses and graphs have thus been calculated in frequencies, not percents. All the results for harvesting nongame animals for personal use should be viewed with caution because of the low number of respondents.

Seven of the ten respondents indicated that they caught or harvested nongame animals for food.

Nine of the ten respondents were either very or somewhat satisfied with their experiences catching or harvesting nongame animals in Arizona in the past 2 years. Eight of the ten were very satisfied with their experiences catching or harvesting nongame animals. None of the ten respondents were dissatisfied with their experiences catching or harvesting nongame animals.

Only one respondent reported experiencing any interference while catching or harvesting nongame animals for personal use in Arizona in the past 2 years. This respondent experienced interference from mountain bikers.

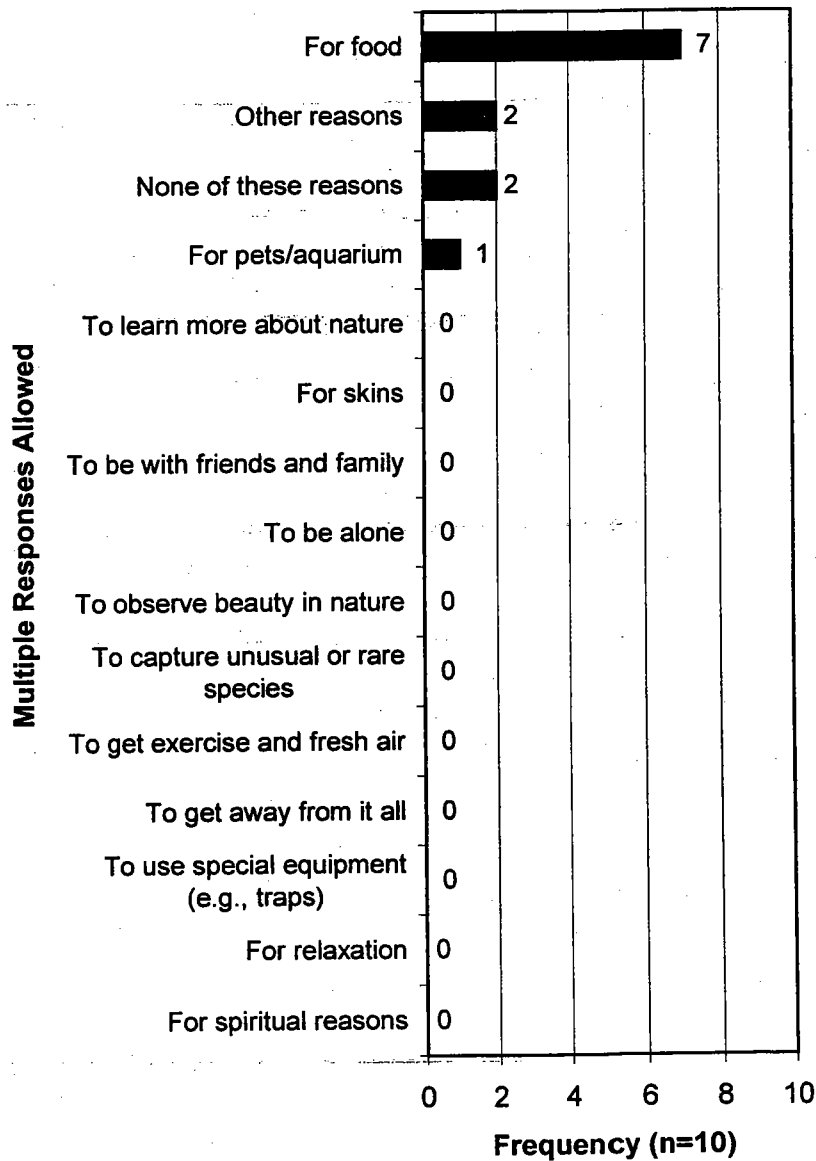
Of the respondents who did catch or harvest nongame animals, most (6 of 10) did not bring any common harvesting or wildlife watching items or equipment with them. Of the 4 respondents who did bring items with them when they caught or harvested nongame, various items were brought. These items are listed in the graph Q190.

The frequency of catching and harvesting nongame animals for personal use among the ten respondents has remained the same (6 of the 10) or decreased (3 of the 10) over the past 5 years in Arizona. One respondent did not know if the frequency of his/her catching or harvesting nongame has increased or decreased in the past 5 years in Arizona.

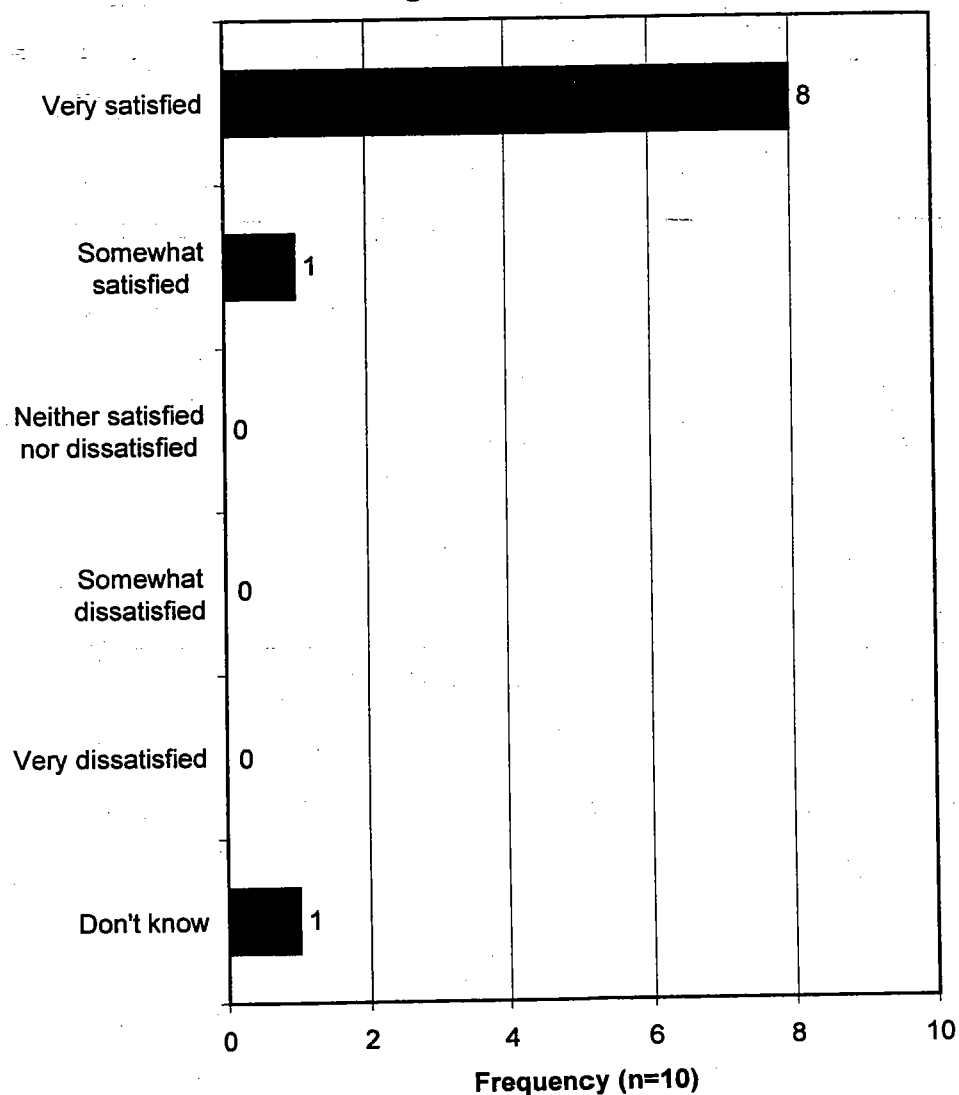
Those respondents who did catch and harvest nongame did so with varying degrees of frequency. The number of days respondents caught or harvested nongame animals varied dramatically from 1 day in the past 12 months to 30 days in the past 12 months.

The above text on harvesting nongame animals for personal use is illustrated in the graphs on the following pages.

Q192. What are the most important reasons why you caught or harvested nongame animals for *personal* use in the past 2 years in Arizona?
(Asked of those who caught or harvested nongame animals for personal use.)



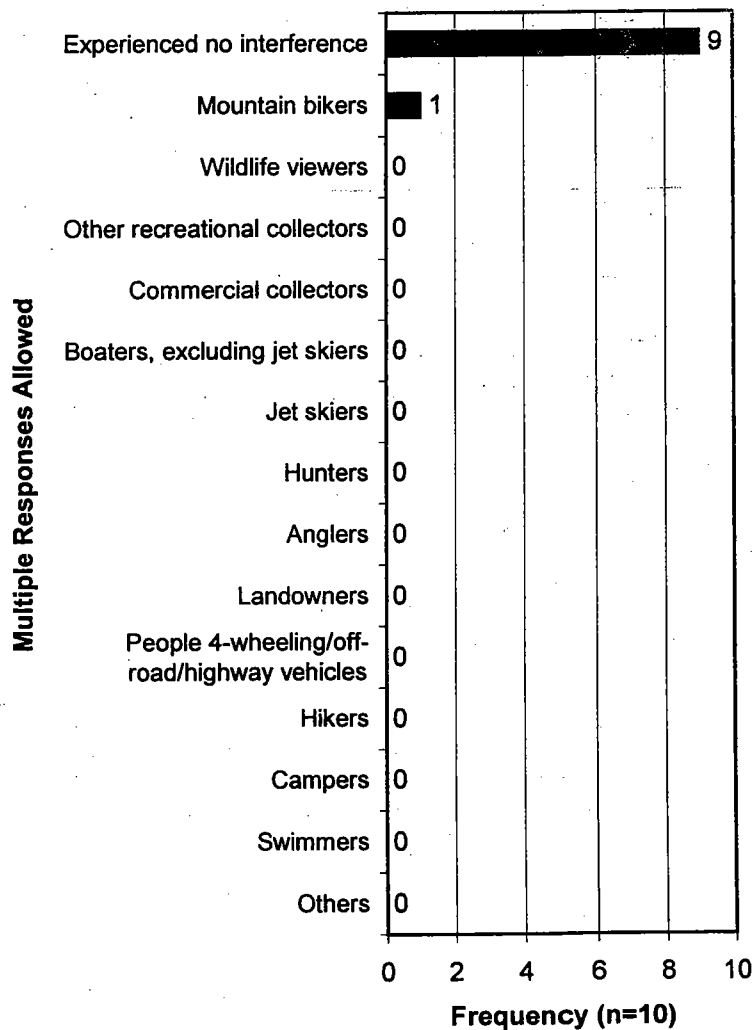
Q146. Overall, how satisfied or dissatisfied were you with your experiences catching or harvesting nongame animals for *personal* use in the past 2 years in Arizona? (Asked of those who caught or harvested nongame animals for personal use.)



Very satisfied with experiences catching/harvesting nongame animals for personal use	Z-SCORE
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
35-44 years old	-2.11*
Lived in Arizona 16-20 years	-2.11*

Most likely *not* to say very satisfied with experiences catching/harvesting nongame animals for personal use

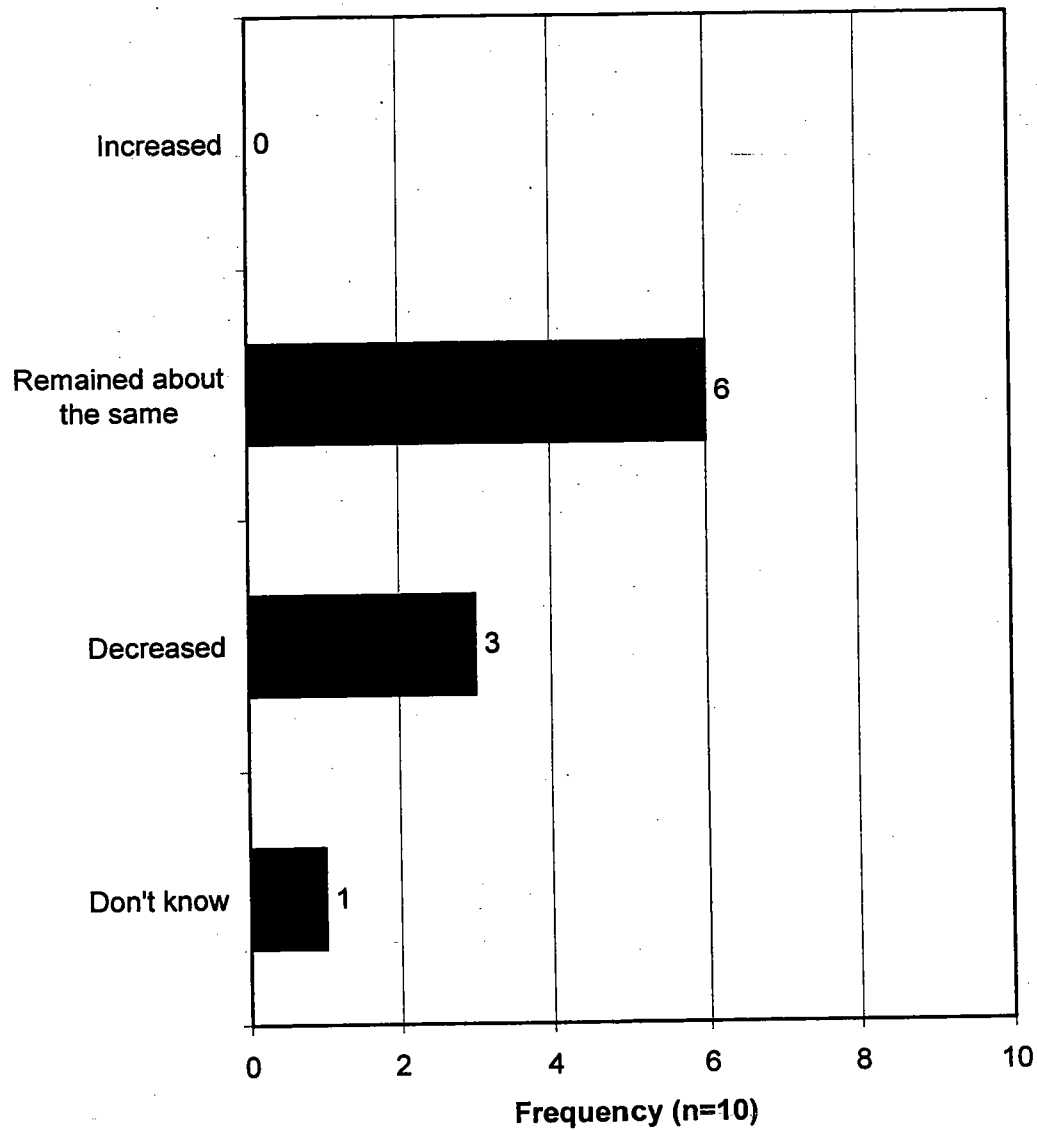
Q195. While catching or harvesting nongame animals for *personal* use in the past 2 years in AZ, did you experience any interference from other outdoor recreationists? If yes: Whom were they? (Asked of those who caught or harvested nongame animals.)



Did not experience interference while catching/harvesting nongame animals for personal use	Z-SCORE
STATISTICAL INSIGNIFICANT VARIABLES OMITTED	
Lived in Arizona 21-25 years	-2.11*
Live in Pinal County	-3.16**
Income of \$35,000 - \$49,999	-3.16**

Most likely *not* to say did
not experience
interference while
catching/harvesting
nongame animals for
personal use

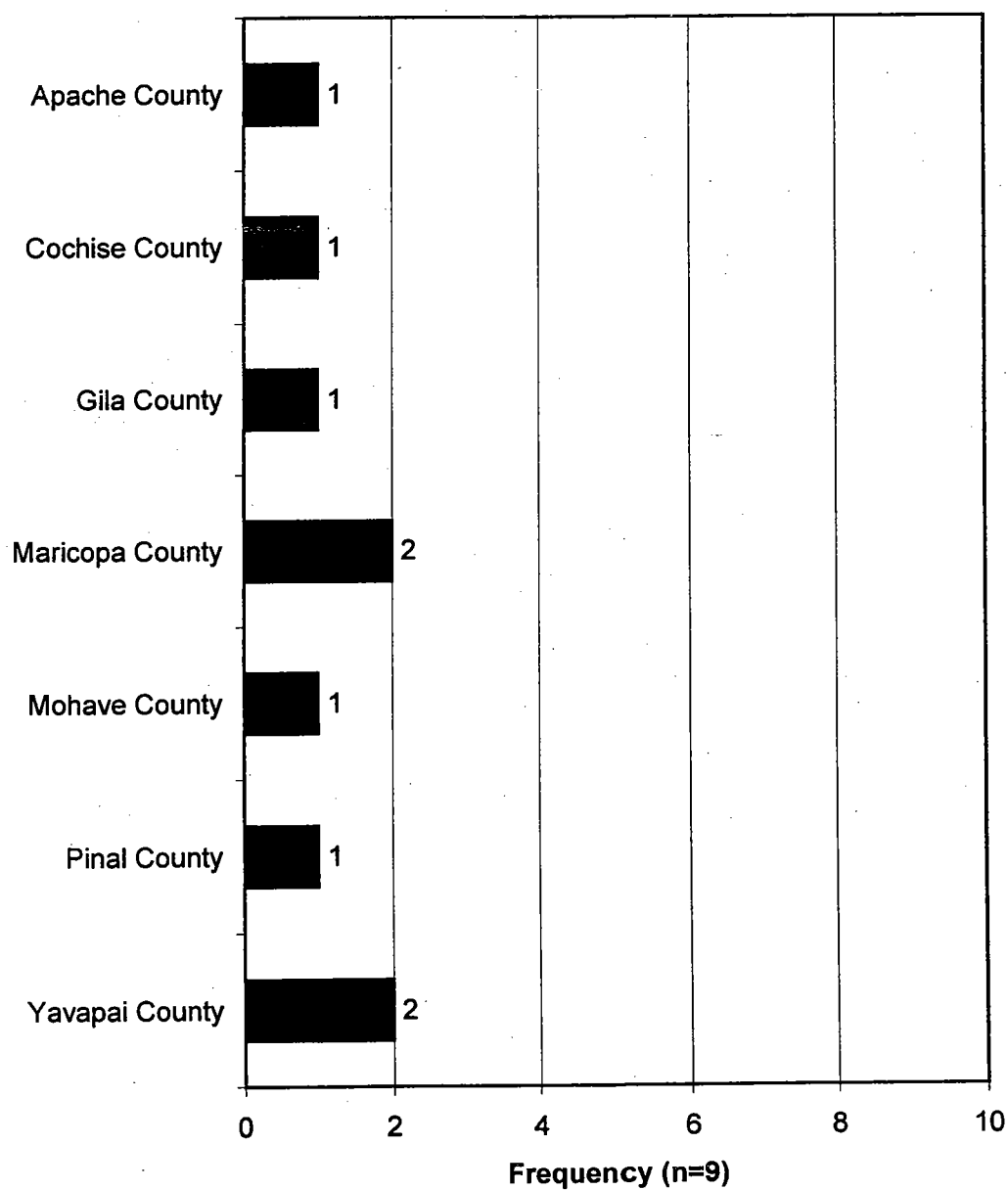
Q151. Has the number of days you participate in catching or harvesting nongame animals for *personal* use increased, decreased, or remained about the same over the past 5 years in AZ? Asked of those who caught or harvested nongame animals for personal use.



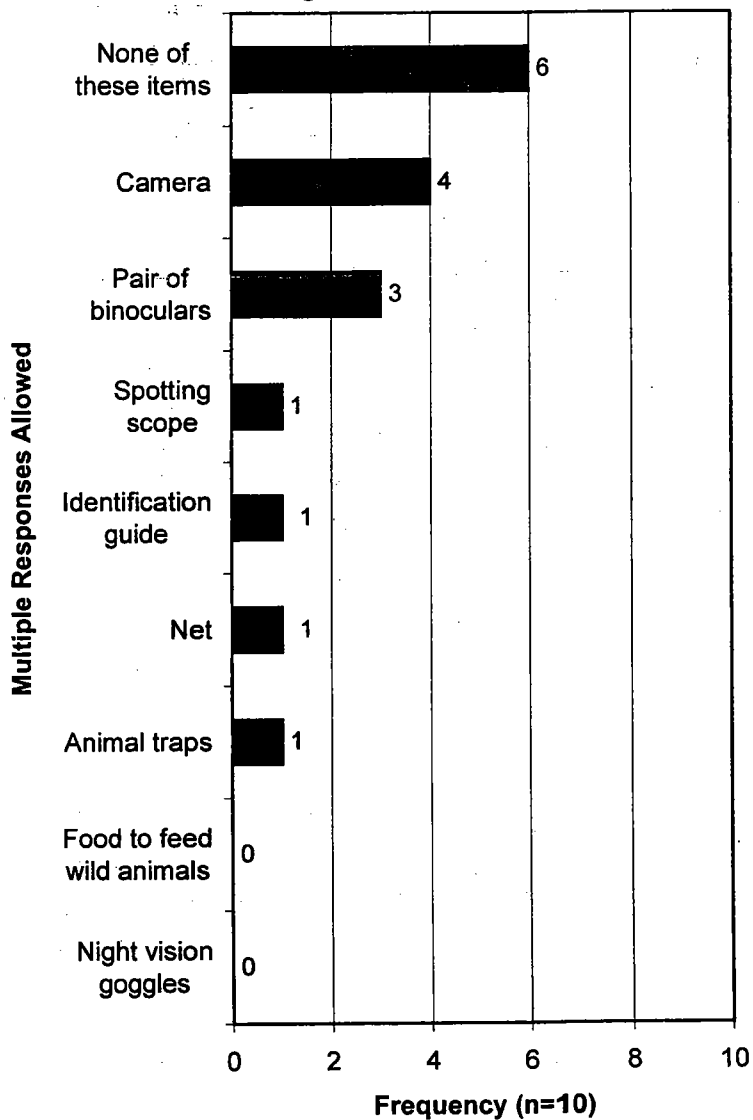
Number of days catching/harvesting nongame animals for personal use has decreased	Z-SCORE
Income of \$65,000 or over	2.42*
Some college	2.07*
Took a trip to view wildlife at least 1 mile from home in AZ over the past 2 years	2.07*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	

Most likely to say number of days catching/harvesting nongame animals for personal use has decreased

Q152. In what county do you typically catch or harvest nongame animals for *personal* use?
(Asked of those who caught or harvested nongame animals for personal use.)



Q190. When you catch or harvest nongame animals for *personal* use in Arizona, do you usually bring...? (Asked of those who caught or harvested nongame animals for personal use.)



HARVESTING NONGAME ANIMALS FOR COMMERCIAL OR SCIENTIFIC USE

Only one respondent reported having caught or harvested nongame animals for commercial or scientific use in Arizona in the past 2 years. Thus, all results pertaining to reasons for participation, satisfaction levels, frequency of activity, location of activity, and equipment brought are not statistically significant.

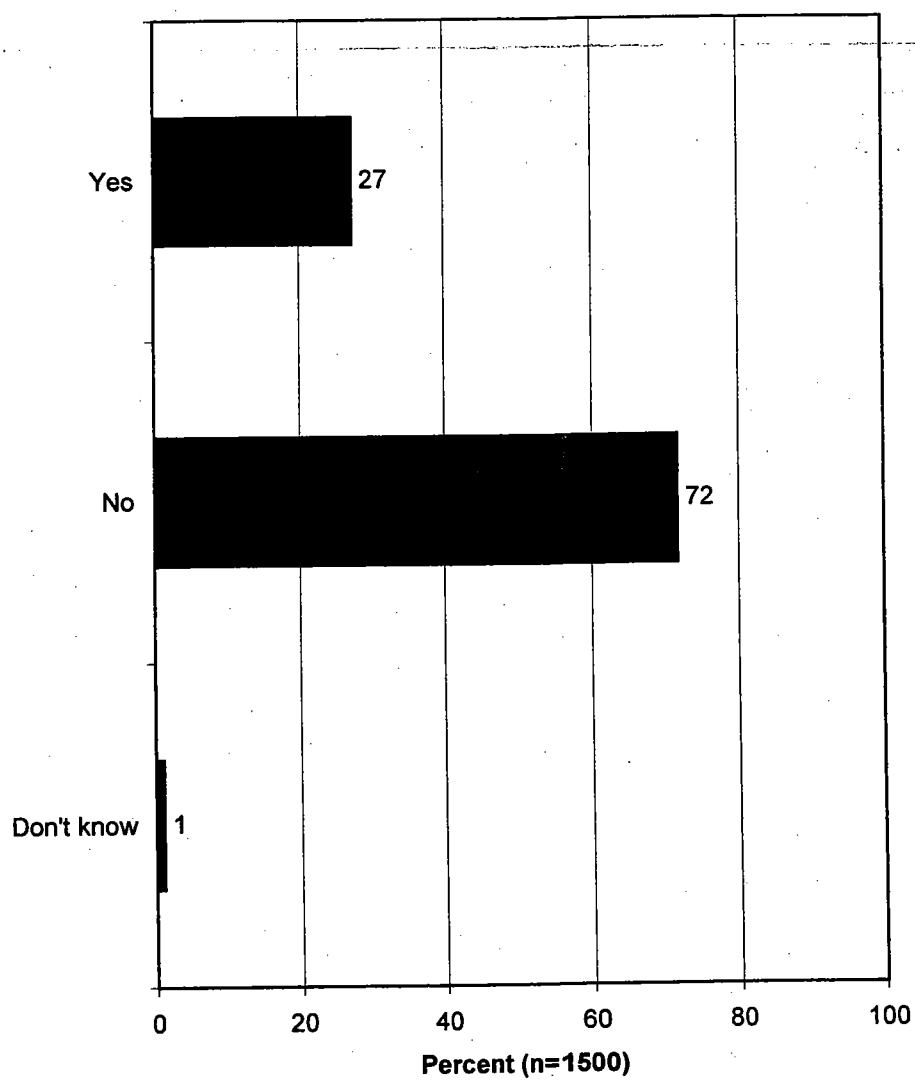
The one respondent who reported catching and harvesting nongame animals in Arizona in the past 2 years for commercial or scientific use was somewhat satisfied with his/her experiences.

The number of days they had caught or harvested nongame animals for commercial or scientific use had remained about the same over the past 5 years, and they reported that they caught or harvested nongame 10 days in the past 12 months – typically in Coconino County.

DEMOGRAPHIC DATA

A large majority of respondents (72%) do not consider themselves Arizona natives. The mean age of respondents is 50 years.

Q286. Are you an Arizona native?



Arizona native	Z-SCORE
Lived in Arizona over 25 years	16.57***
Hispanic	8.86***
18-24 years old	7.48***
25-34 years old	6.42***
Native American	5.95***
High school graduate or less	5.11***
Live in Navajo County	3.7***
Income of \$15,000 - \$24,999	3.17**
Live in Apache County	2.78**
Male	2.54*
Income of \$25,000 - \$34,999	2.42*
35-44 years old	2.35*
Caught or harvested nongame animals for personal use in AZ over the past 2 years	2.33*
Live in Graham County	2.15*
STATISTICAL INSIGNIFICANT VARIABLES OMITTED	
Watched wildlife within 1 mile of home in AZ over the past 2 years	-1.98*
Live in Yuma County	-2.14*
Live in Maricopa County	-2.19*
Female	-2.52*
Income of \$65,000 or over	-3**
55-64 years old	-3.98***
College graduate	-5.2***
Lived in Arizona 11-15 years	-6.97***
65 years old or older	-7.05***
White	-7.12***
Lived in Arizona 6-10 years	-7.86***
Lived in Arizona 5 years or less	-9.85***
Not Arizona native	-37.65***

Most likely to be an
Arizona native



Most likely *not* to be
Arizona native



Not Arizona native	Z-SCORE
Lived in Arizona 5 years or less	10***
White	8.27***
Lived in Arizona 6-10 years	8.11***
65 years old or older	7.5***
Lived in Arizona 11-15 years	6.91***
College graduate	5.69***
55-64 years old	4.2***
Income of \$65,000 or over	3.35***
Female	2.38*
Live in Maricopa County	2.28*
STATISTICALLY INSIGNIFICANT VARIABLES OMITTED	
Live in Graham County	-2.04*
Income of \$25,000 - \$34,999	-2.08*
Caught or harvested nongame animals for personal use in AZ over the past 2 years	-2.22*
Male	-2.39*
Live in Apache County	-2.65**
Income of \$15,000 - \$24,999	-2.86**
Live in Navajo County	-3.52***
High school graduate or less	-4.55***
Native American	-5.72***
25-34 years old	-6.12***
18-24 years old	-7.55***
Hispanic	-8.46***
Lived in Arizona over 25 years	-15.74***
Arizona native	-37.65***

Most likely to not be an Arizona native

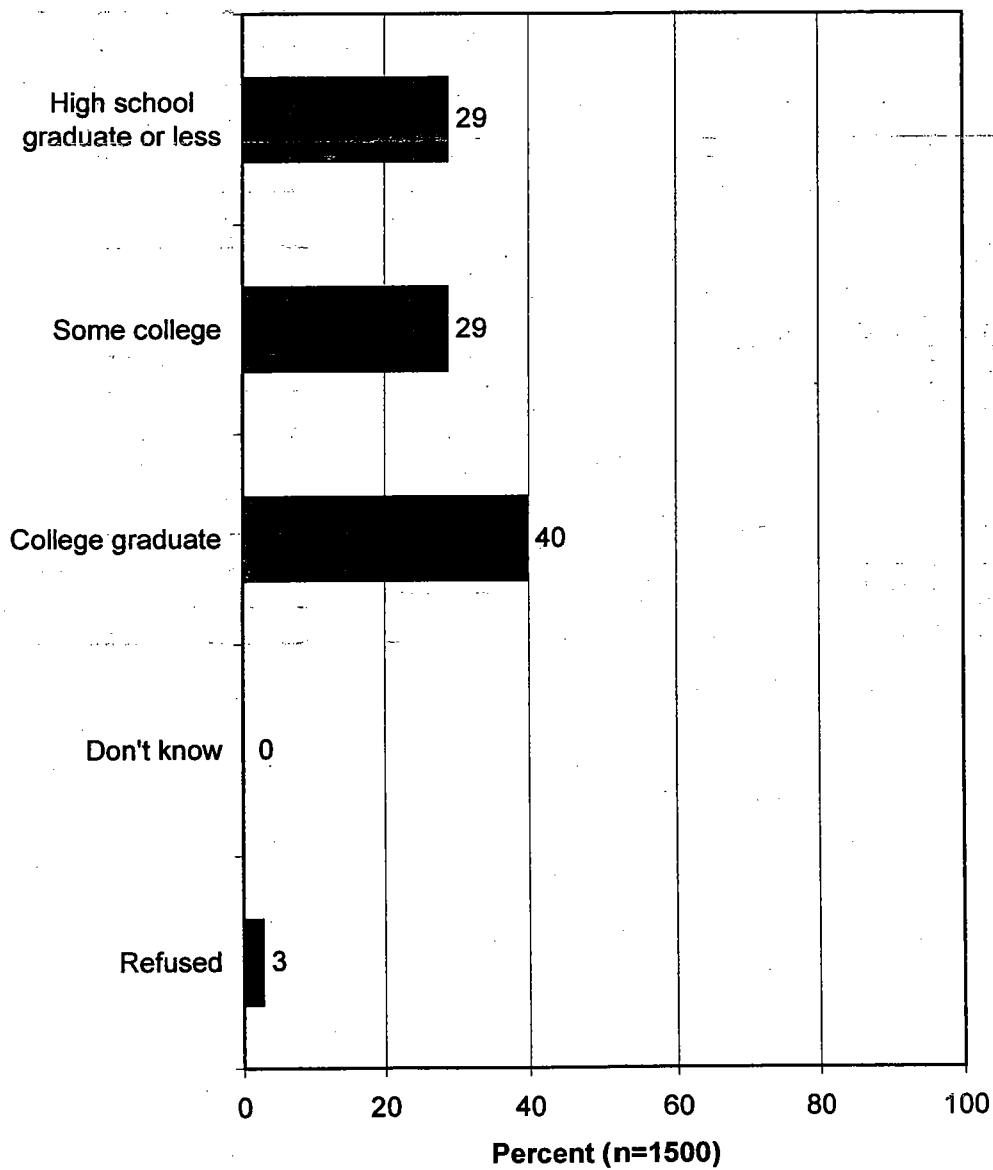


Most likely *not* to be an Arizona native



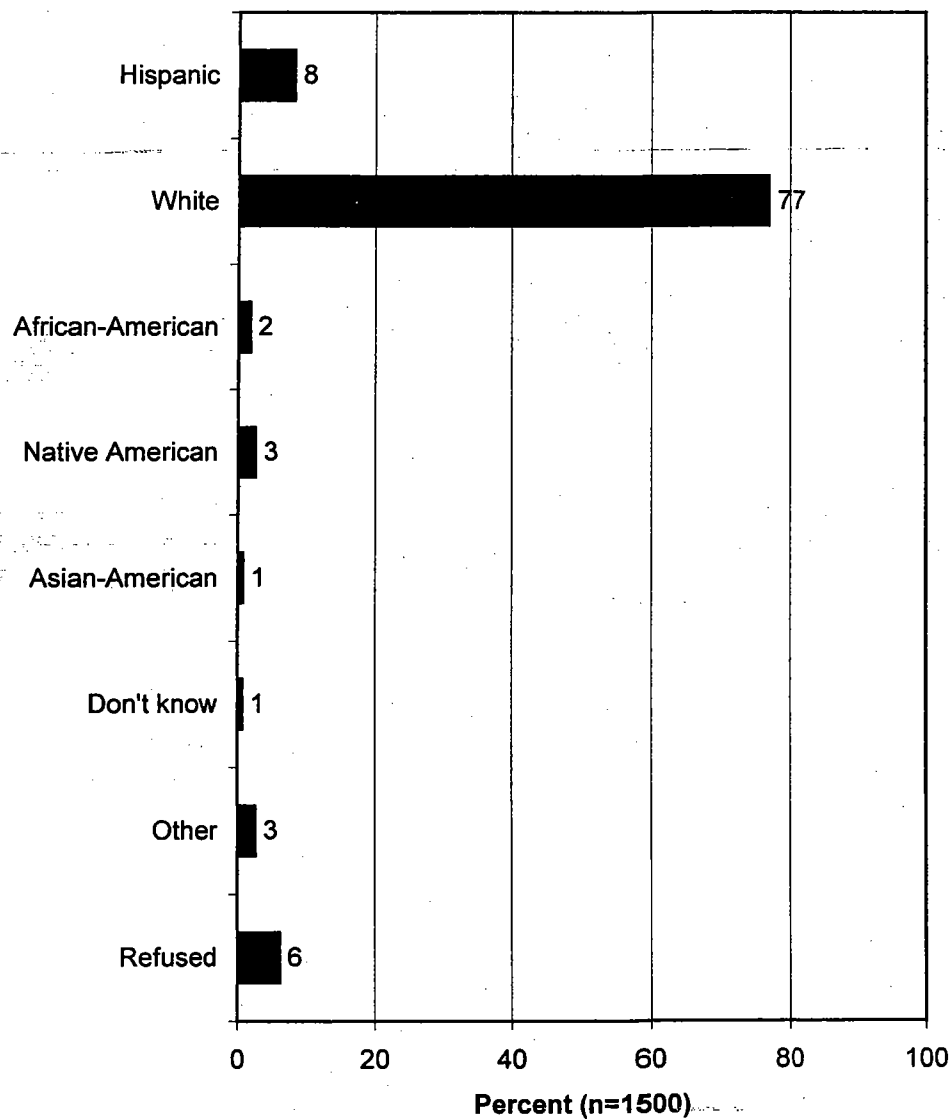
Education levels are shown below: 69% of respondents had attended college, with or without graduating.

Q288. What is the highest level of education you have completed?



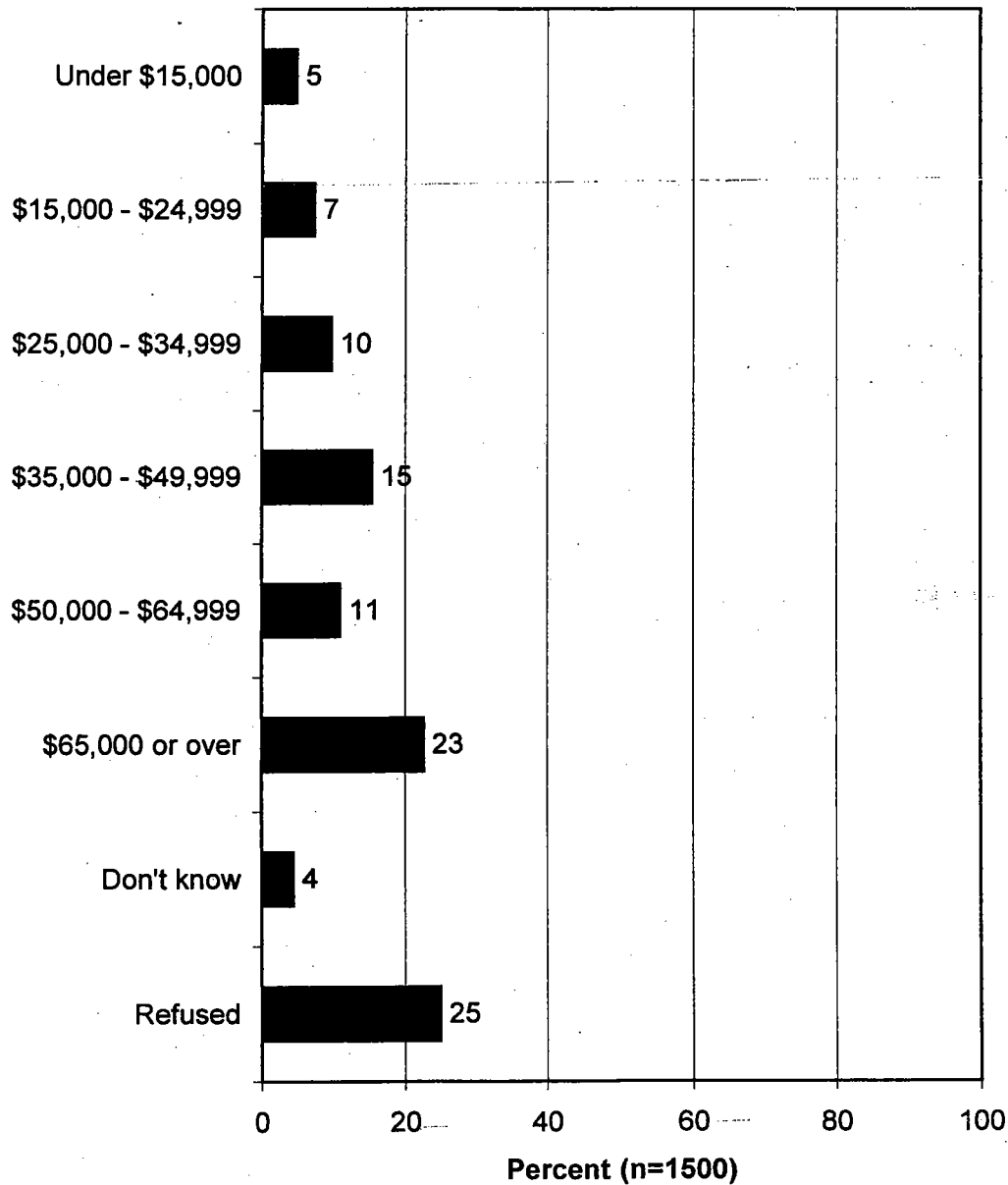
Over three-quarters (77%) of respondents considered themselves white. Low percentages of respondents considered themselves to be in a minority race or ethnic background.

Q290. What race or ethnic background do you consider yourself?



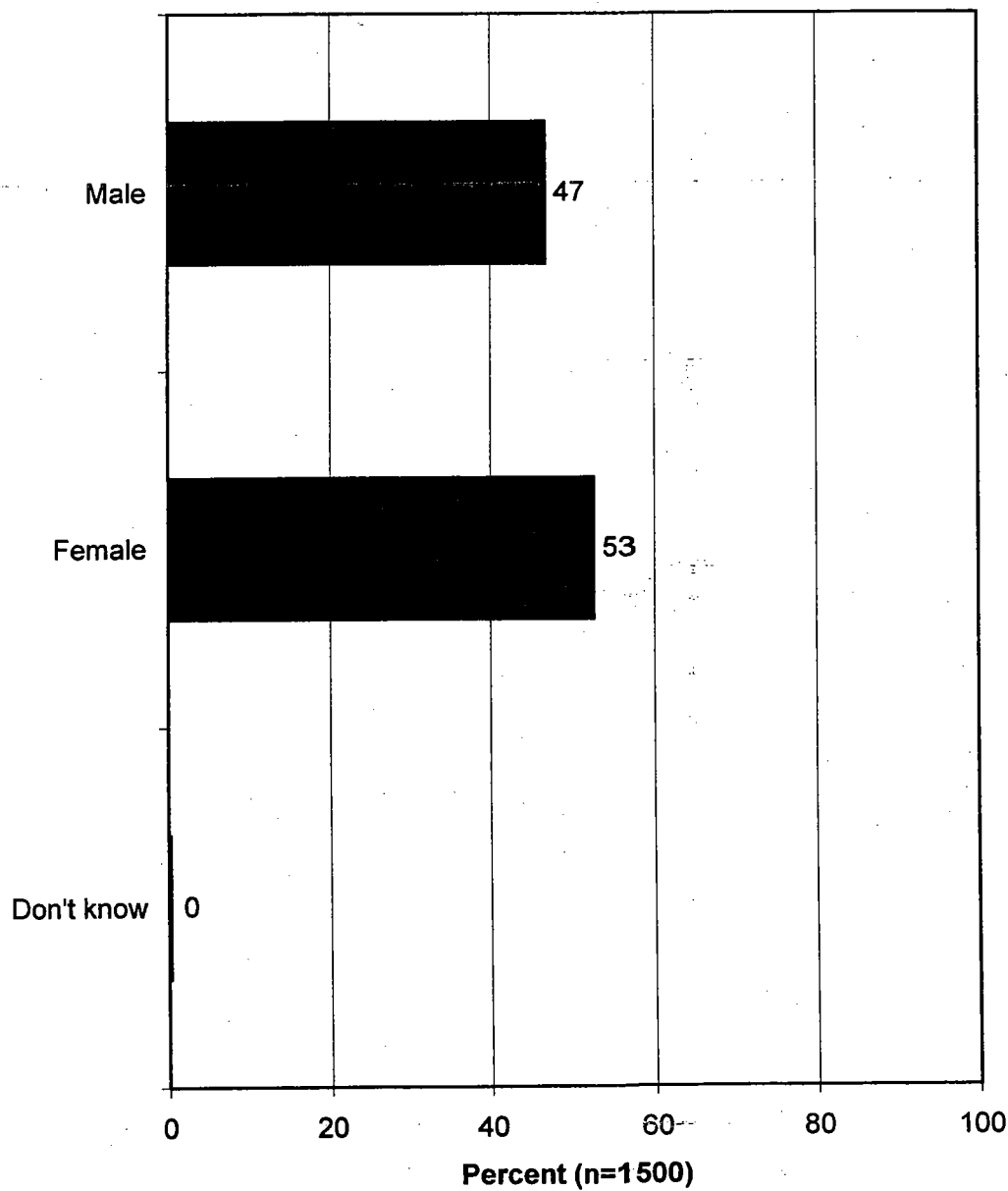
The incomes of respondents are shown below.

Q292. Which one of the following categories best describes your total household income last year, before taxes?



Respondents were fairly evenly distributed between males and females.

**Q295. Respondent's gender (not asked, but
observed by interviewer)**



Additional Comments

Please protect the species and the environment. They created racetracks that now dig up vegetation and pine trees.
I am against the wolf being reintroduced to Arizona.
The AGFD should keep up the good work.
All the wildlife we see around us is an indicator of how well we're taking care of ourselves.
I think animals must be protected.
I appreciate everything the AGFD does. We need more animals on TV.
The AGFD is doing a great job. Do a great job with the school programs.
Arizona is a beautiful state - keep it that way.
The AGFD is doing a good job.
The AGFD is more interested in hunting permits, for the money, than in protecting game species, especially the Coues deer.
The AGFD is doing a good job!
The AGFD does a fantastic job.
The AGFD does a great job. Please do something about people who use recreational vehicles that hurt the forest.
The AGFD has a good reputation among other states.
Coyotes are penned in and are aggressive toward dogs. They killed dogs.
I am concerned about long-term development in Arizona. It destroys the ecosystem.
I am concerned that animals are losing their habitat due to over-development.
I am concerned when excessive regulation/protection of wildlife prevents worthwhile development/projects.
Could something be done with the pigeons being killed in the streets? Too much chlorine in the water kills birds.
Please cut down on the large populations of pigeons. I would also like to see a national fishing license for seniors.
I think dirt bikes should be restricted in wildlife areas.
The AGFD needs to better inform the public about their non-game programs.
Development of state land should not be allowed for land exchanges.
I didn't know that the AGFD was involved with nongame fish and wildlife programs.
Do away with wolves; they are destroying the game populations.
Do more for environmental education and capture the funds lost in the past.
The AGFD is doing a good job.
The AGFD is doing a great job.
Don't be handing out so many permits. Allow less hunting in order to rebuild the game population.
I don't believe any animal should be hunted or killed.
Don't harvest animals for commercial use! I don't believe in it.
I don't know anything about the [nongame] programs, and I don't know if my answers will help.
I enjoy animals. Please conserve as many as you can.
Every time I go out to watch wildlife, I always have to clean up trash left by target shooters, 2 or 3 bags of litter each time.
I feel strongly about the importance of [these types of] surveys.
I feel that specialists would better manage waterfowl. The department has plenty of literature.
I think the fees cost too much.
The AGFD has a great group of committed people working for them, and they do a good job.

The AGFD protects the environment sensibly.
Good survey. You should do more stuff like this.
I have fished and hunted but not participated in these specific activities in the past 2 years.
I haven't lived here [Arizona] long enough to enjoy and view the wildlife that Arizona has to offer, but I plan on it.
I hope that they prioritize water quality for lakes and rivers in the state.
I believe hunting and fishing are acceptable as long as there is an excess population.
Hunting/fishing should be permitted only for food. Science research is not for nongame species.
I'm for protecting nongame species as long as nobody is hurt in the process (water cut off, farming, access to land).
I just moved here 3 months ago but hope my opinions helped.
I've only lived here a short time but think the wildlife is very good.
I am a black powder elk hunter and have only drawn a license once in fifty years. I know people who draw every year.
I am a teacher, and I would like to get some more information about the department to give to my students.
I believe that the state needs to manage land in a way that decreases risk of forest fires, i.e. cutting undergrowth.
I didn't even know people were interested in this stuff.
I don't know as much as most people but hope my opinion helps the wildlife.
I enjoy going in the woods and watching animals.
I enjoy wildlife viewing; I think more education is needed for the department's nongame program.
I enjoyed the survey.
I enjoyed the survey; you are doing a good job.
I feel the game and fish department is vital to the well being of the wildlife in the state.
I have no idea what the department does or if it even exists. It is never publicized; I never see it in the paper.
I just moved here, and I know little or nothing about your department.
I like that someone is taking care of and showing interest in wildlife.
I only live here in the winter so I don't really care.
I support and am for protecting wildlife, but I also support the right to hunt and fish.
I think it's so important that there's a voice for animals. More power to those people helping animals.
I think more needs to be done for endangered wildlife; I don't see enough being done.
I think that one of the best opportunities to see wildlife without taking trips would be through PBS TV channels.
I think the department does a great job with their limited funding.
I think the AGFD have an excellent education program for children.
I think the wildlife is good in the state.
I think there should be more public education on wildlife.
I think they [AGFD] should require hunters to complete gun safety programs and educate them about what to shoot.
I think this [survey] was pretty interesting. One problem is pets being released into the wild instead of to animal control.
I wish AGFD all the best.
I wish that the AGFD would not close so many access roads; it makes it harder to hunt and enjoy wildlife when you're older.
I wish they [AGFD] would stock larger trout like 4-5 pound trout.
I would like to see brochures handed out during the hunting seasons.

I would like to see more programs with lower income children in schools.
I would like to see more television shows about nature and wildlife.
If more information on trips were available it would be appreciated.
I'm interested in reintroducing certain species to the area but safety must be an issue of great consideration.
I think it is important to do this survey.
I am in favor of conserving endangered species but not at the expense of the forests.
Indigenous hunting is the only form of hunting that I fully support.
It's important to protect the habitat of animals in the state. I took a trip to the Grand Canyon to view wildlife.
It is very important that we take care of the environment.
I just moved back here [Arizona] so I haven't had time to participate in any of those activities or learn anything about the AGFD.
I just purchased a lifetime hunting license for my son, and I think it is a great idea.
I want to keep more areas pristine and have less people over-running these areas and trails. Right now areas are too crowded with people.
Keep up the good work don't let the public get you down.
Keep up the good work; you are doing a good job.
Leave the animals alone and stop hunting them!
Licenses are a little steep. Overall, the game and fish [department] is doing a good job.
Management of endangered species is as important as restoring them.
Send more information out to the public.
I want more opportunities for hunting big game. The draw system is too restrictive.
I am supportive of AGFD programs.
My husband and I are big outdoor recreationists, and we think the department is doing a fine job. I appreciate the call.
My husband passed away 5 years ago, and I haven't had a chance to do such activities since. But I do enjoy nature.
My only gripe is the management of the lakes; it's hard to fish those places.
Nature must be respected. Too many people try to take advantage of nature.
I need more information about hiking during hunting season, i.e., where to go or not go.
We need more wildlife programs in schools.
The AGFD needs to do a better job of maintaining roads on state lands and Bureau of Land Management areas.
I think the AGFD needs to reinstate trapping for nongame.
I have nothing but admiration for AGFD personnel.
I think fishing and lake regulations are overpriced.
I think the AGFD needs to pay more attention to the balance of elk and deer in unit 9, monitor the number of tags you provide.
People need to be educated about the environment and wildlife issues.
People riding 4-wheel drive vehicles on private property tear it up.
Preservation, education, wildlife preservation, and management are extremely important. But not for monetary gain, i.e., hunting.
This was a pretty good survey.
Provide more information instead of more regulations.
The Pygmy owl is not endangered; there are a million [Pygmy owls] in Mexico. That money should be used for schools and teachers instead of on the Pygmy owl.
I really appreciate conservation efforts and love Arizona.

Red squirrels and spotted owls are overprotected.
I would like to see more information about programs to view wildlife.
We spend an awful lot of resources on our golf courses but too little on teaching kids how to care for life around us.
The AGFD needs to start working with ranchers and landowners to help maintain the forest areas. These efforts are currently very poor.
Thank you AGFD for doing a good job.
Thank you for asking me all the questions.
The department needs to cut back on hunting for a couple of years to let the game populations return to a huntable population.
The fish and game department does a good job in the county next door. They help track deadbeat dads. This is good.
The survey is good, and I do enjoy the wildlife.
They [AGFD] are doing a good job.
There is not enough support and protection for the Mexican wolf.
They need to supply more funding for fish that don't reproduce in this state, i.e., the walleye. Also, the department needs more money.
I think there is too much urban sprawl and building in wildlife habitat areas.
I think too much development and the Raven golf course have driven away wildlife. Kids especially need to be educated to respect wildlife.
I am upset with how the AGFD handled coyotes a few years ago.
I am very pro-wildlife and pro-nature.
We need to protect our wildlife and preserve the environment.
Where do I pick up regulation information about the department?
Where she lives overlooks a lake and since she has lived there the great blue heron has disappeared.
I would like to see more information on nongame programs given out to the public.
You should not harvest nongame animals in any way, shape, or form.